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SATURDAY, APRIL 17, 1869

COWLING IRON CO.

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West Cumberland Hematita Iron Co.

Second Quarto Series, Vol. XXV., No. 16 .- Whole No. 1722, Vol. XLII.

ESTABLISHED IN 1981.

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JOHN H. SCHULTZ, PUBLISHER AND PROPRIETOR,

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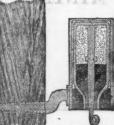
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AMERICAN RAILROAD JOURNAL

STEAM NAVIGATION, COMMERCE, FINANCE,

ENGINEERING, BANKING, MINING, MANUFACTURES.

ESTABLISHED IN 1831.

PUBLISHED WEEKLY BY JOHN H. SCHULTZ, AT NO. 9 SPRUCE ST., NEW YORK, AT FIVE DOLLARS PER ANNUM.

SHOOND QUARTO SERIES, VOL. XXV., No. 16.]

SATURDAY, APRIL 17, 1869.

[WHOLE No. 1,722, Vol. XLII.

MS. FREDERICK ALGAR, No. 11 Clements Lane, Lombard Street, LONDON, England, is the authorized European Agent for the JOURNAL.

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Journal of Railroad Law

American Railroad Journal.

New York Saturday, April 17, 1869.

Railway Accidents-Destruction of Life and

Property by Fire.
We find in the Washington Chronicle a description of an invention, recently patented by Mesers. George S. Koontz of Washington, and Edward Potts and McLeod D. Lewis of Baltimore, designed to prevent loss of life and property by fire in case of accident. Their invention, as described by the Chronicle, consists of a fire extinguisher, applicable to any car stove, so arranged that the furnace shall be in ready communication with a vessel containing water. Through the top of this vessel is a rod, connected at its lower end with a valve, and at its upper end with a chain attached to a ball, resting within a ring, and supported by braces. In cases of collision or overturning, or partial overturning of cars, or like accidents, the ball, prepondering the chain, rods, and valves in the chamber pipe, will roll from the

rear of the air-chamber through the car floor, for the conveyance of cold air. A double advantage is thus afforded-first, in the prevention of fire in cases of accidents, and, second in the equalization of heat throughout the cars. The latter feature, desirable as it is, however, is not so important as the "extinguisher," which can be readily applied to any car stove, at little cost, by simply changing the upper plate. The device is very simple in all respects. Practical railroad men who have examined it with much interest pronounce it superior to anything yet presented for the accomplishment of its important purposes.

A Freight Railroad.

The following is an extract from a letter written by Joseph H. Moore, Esq., Freight Agent, of Chicago, to the Superintendent of the Pittsburg, Fort Wayne and Chicago Railway, in which he advocates a plan for the reduction of freight by rail, being no less than the construction of a freight railroad from Chicago to New York. He expresses the opinion that such a road can transport the three classes of freights now sent by lake and canal to New York, at an average rate of six miles an hour, at the cost of \$7, \$8, and \$9 per ton during the season of navigation, and during the winter months at the rates of \$9, \$10, and \$11 per ton. The average freight on wheat, corn, and oats from Chicago to New York via Buffalo, by lake and canal during the past season, has been \$8 per ton. Mr. Moore's letter closes with the following remarks:

To successfully work a railroad, where the ton-nage is very large, it should be provided with a double track for freight trains and another for passenger trains, and the freight should be worked at a slow rate of speed—say six or eight miles an hour, with engines especially adapted to such speed. Under an organization of this kind a single line between Chicago and New York would transport more than five times the railroad and and valves in the chamber pipe, will roll from the ring and raise the valves so that the water in the chamber will be thereupen discharged into the furnace, thus instantly extinguishing the fire therein, and obviating the possibility of damage or loss of life by fire. A jacket, forming a chamber, is made to surround the furnace for the purpose of heating air, to be conveyed to the interior of the car, equalizing the heat therein, by means of a pipe connecting with and extending from the

speed of eight miles the hour, and 85,000 at six miles the hour, and 3,000 locomotive engines, would be required. The receipts per train per mile would average \$3 from Chicago to New York via Pittsburg. These items of tonnage and earnings multiplied by four, the number of railroad lines from this city to New York, Philadel-phia and Baltimore, give an aggregate of 96,120,-000 tons, counting both east and west tonnage, producing an income annually of \$622,080,000. All this I mention to show that railroad lines may be worked, when the tonnage is large, so as to entirely supersede water carriage when lakes, canals and rivers must be used between the termini of a long route; and that the capacity of a single line of railway is equal, if not superior, to that of five canals, in this latitude, as the speed of the trains would be three times that of canal boat movement during the season of navigation, with the five months' winter tonnage in favor of the all-rail lines.

Pacific Railroads.

The joint resolution, which recently passed Congress, for the protection of the interests of the United States, in the Union Pacific Railroad Company and the Central Pacific Railroad Company, and for other purposes, was approved and signed by the President on the 10th inst. It authorizes the company to hold a meeting at Boston, April 22, 1869, to elect a board of directors and determine on a place for the location of their general office. Directs that the Union Pacific and the Central Pacific roads meet at Ogden. Authorizes the President to appoint a disinterested committee to examine the condition of the two roads, to be paid \$10 per day. Directs the Attorney General to institute such proceedings as may be necessary to protect the interests of the United States in said roads. Directs inquiry also to be made whether both roads have not forfeited their charters, whether illegal dividends have not been declared, whether any of their directors have committed any penal act, and if so directs the Attorney General to institute proper proceedings for the protection of the United States.

Henry B. Pierson Esq., of New York, has been chosen Vice President of the Chicago and Northwestern Railroad, to fill the vacancy made by the resignation of Perry H. Smith,

Mr. C. E. A. Bartlett of Nashua has been appointed Treasurer of the Boston and Lowell Northern Central Railway.

The earnings of the Northern Central Railway and its Branches during the years ending December 31, 1867 and 1868, have been as follows:

100000000000000000000000000000000000000		20	180/-	3.25 A	Tono.	
Main Line	and a	. 82	.676.084	61	\$2,907,151	82
Wrightsville B			81.227	92	48,788	58
Shamokin Div			280.452	08	277,763	49
Elmira	44		895,149	48	528,626	39
Chemung	11		127,537	35	160,397	58
Canandaigua	66		180,416	72	233,624	05
		_	1.5	_		_

Totals......\$3,690,868 16 \$4,151,351 91 Operating expenses:

Main Line.		 1,556,538	71	\$1,893,765	68
Wrightsvill		24,890		36,370	81
Shamokin		172,640	74	194,252	16
Elmira	11	890,811	60	433,235	86
Chemung	- 11	117,259	41	161,519	78
Canandaig		216,568	96	243,184	23

Totals\$2,478,709 45 \$2,962,327 52 Net revenue\$1,212,158 71 \$1,189,024 39

Compared with the previous year the total gross earnings show an increase of \$460,483 75, with an increase in operating expenses of \$483,618 07—making the decrease in net revenue, \$23,134 32.

The operating expenses of the road were 71.35 per cent. of the receipts, being 4½ per cent. greater than in the year 1867. The increase of per centage is to be attributed to increased sidings; to the damage done to the lower end of the line by the flood which occurred on the 24th of July last; the repairs of which have been charged to operating expenses, and to the rebuilding bridges on the Shamokin Division.

These bridges when originally built being only adapted to the passage of coal cars, the change was rendered necessary to pass the box cars going to and from the Lehigh Valley Railroad connection with this line.

There have been moved in 1868, 3,138,319 tons of freight, against 2,356,312 tons in 1867—showing an increase in 1868, of 782,007 tons,

The large increase of gross receipts for the year does not show an equivalent increase of the net income. But the extraordinary expenses just referred to, together with the reduction of rates received for the tonnage moved, will account for the failure to realize the additional profit.

The average rate received for the transportation of freight was 2,22 cents per ton per mile, a reduction of 0.38 of a cent. per ton from the rates received the previous year. The same rates of freight upon the tonnage of 1868 as received in 1867, would have given us an additional net profit of \$500,889 06. The reduction of rates has innred to the benefit of the consumer, and is the best evidence that can be given to show that the management of the road is not adverse to the interests of the public. At the same time the attraction of this increased tonnage to the line, we believe, has, and will, prove more advantageous to the stockholders than the policy pursued by many roads, and formerly pursued by this company, of charging higher rates and thus limiting the business to a smaller number of tons. The one policy attracts trade, which when once secured, becomes permanent, induces the growth of manufactories along the line, and increases both the trade and travel; while the other has just the opposite effect.

The tonnage has been only limited by the capacity of the equipment. Although large purchases were made during the last year of engines and cars, we were unable to meet the trade which was offered, and we have therefore been compelled to again make contracts for a large increase of rolling stock, which is to be delivered during the early part of this season.

The rolling stock of a line situated as this one is, having so many connections, with the great proportion of the trade originating on the line of the road and destined to points on other roads, must necessarily have a larger proportion per mile than other lines differently situated. We loose the control of cars, and they cannot be made to perform the same amount of service as if we had the entire control of them. Another reason for the necessity of an undue proportion of equipment has frequently been referred to in previous reports, but is none the less true now, and that is the want of a connection with a shipping point on tide-water. Our trade is now confined to local points, is spasmodic, and cars must be kept to move it only as the demand springs up. If a shipping point was had the equipment could be used for that trade during the dull season of the local traffic. Every effort has been made by this company to remedy this want, but, so far, we have not been able to accomplish it, without an expenditure which the affairs of the company would not warrant. The Union Railroad Company promised to provide the facilities of this kind, but it has met with difficulties which has compelled it, at least temporarily to suspend work. The advantages to the City of Baltimore to be derived from the ability of this company to reach tide-water we believe is now thoroughly appreciated by the city authorities, and we have no doubt that means will be taken to have the work on the Union Railroad resumed and pushed forward to completion.

There has been a very large increase in the coal trade over the preceding year. The coal transported South in 1868 amounted to 602,025 tons, against 453,919 tons in 1867, an increase of 148,106 tons. Of this increase, 26,741 tons were carried to Baltimore, and the balance, 121,865 tons to local stations on this and connecting roads. The coal transported North to Elmira and points beyond, in 1868 was 131,677 tons, against 35,619 tons in 1867, an increase of 96,058 tons. We anticipate a further increase in this business during the present year.

As we anticipated in our last report, the business of the leased lines has increased largely with the exception of the Shamokin Division. The trade of this road has been somewhat affected by the completion of the Enterprise Railroad—a new road, owned and controlled by the Philadelphia and Reading Railroad Company. The increasing business to the Main Line will, however, render this Division in the future as in the past, a profitable investment for this company.

Last year we added to the equipment: 12 locomotives, 7 passenger cars, 100 box and stock cars, 125 eight-wheeled and 322 four-wheeled gondola coal cars, 7 eight-wheeled stone cars, 46 freight cabin cars, at a cost of \$472,741 38. And we have contracted for, (to be delivered this year): 22 locomotives, 600 eight wheeled coal cars, 200 box cars. 20 stone and lime cars.

have contracted for, to be delivered this year).

22 locomotives, 600 eight wheeled coal cars, 200 box cars, 20 stone and lime cars.

There has been put in the track 4,028 tons of new iron and 189,824 cross-ties. The track upon the entire line is in excellent condition, and the bridges and all appurtenances have been kept in good order. It was our intention, during the last year, to build a number of passenger and freight stations at different points where they were very much needed; but the extraordinary expenses to which we were subjected, compelled us to postpone doing any work of this kind. We hope to be able to build several during this year.

The entire right of way for the new line into the City of Baltimore, together with sufficient ground for new shops on the line of the road adjoining the city, has been purchased, and the work la now being prosecuted. This work, although costly, we could not postpone any longer. It had become almost an impossibility to handle the freight in the city over a single track with very cheavy grades, and if the increase should continue this year in the same proportion as in the past we shall find great difficulty in disposing of it. It has also been our desire to put additional local passenger trains upon the line, but we have been

prevented by the same cause. The new line will enable us to handle a very great deal mere trade, and to do it at meh less cost. The shops are as much a necessity as the new tracks, as those we have were built to accommodate the equipment of the road when the business amounted to one-fourth of its present proportions; it can readily be seen that we have been working at a great disadvantage. These improvements will require a large outlay of capital, but we are fortunate in this: that we will be able to sell the property occupied by the present shops for a sum almost, if not entirely, sufficient to cover the expenses of the contemplated improvements.

In 1865 It was determined upon to issue a six per cent, mortgage of \$2,500,000 for the purpose of purchasing equipment, and making such im-

In 1865 it was determined upon to issue a six per cent. mortgage of \$2,500,000 for the purpose of purchasing equipment, and making such improvements as might be required. This was done, and about one-half the bonds were sold. But, twing to the fact of its being a third mortgage upon the property, we found it difficult to use the remainder at a price we considered them worth; and finding too that improvements, which, at the time these bonds were issued, we thought could be postponed for some years, had now become imperatively necessary, it was deemed best to create a consolidated mortgage and withdraw the balance of the loan from the market. This has been done. A mortgage of \$6,000,000, bearing six per cent. interest, payable in coin, free from taxation, has been created, and is to be issued only as the former bonds of the company are retired, either by purchase for the sinking funds, or by cancellation. A portion of the \$2,500,000 has been retired and a like amount of the new bonds have been sold, and we are now offering a limited number of them at par and accrued interest.

With these bonds we shall be enabled to cancel the floating debt of the company, make the improvements which cannot be delayed, while the funded debt of the company will not be increased beyond its present amount, And, by the time this entire mortgage is issued it will be the first, and only mortgage, except the Annuity to the State of Maryland on your property.

The regular payments have been made to the sinking funds during the year. In the sinking fund for the redemption of the bonds due in 1885 there is now \$481,000 of these bonds; and in the general sinking fund we have \$252,000, an increase in both of \$101,000.

The receipts and expenditures for the year ending December 31, 1868, were as follows:

RECEIPTS.	iwaji keshisek
From freights " passengers express " U. S. mails sundry sources	\$2,928,360 77 914,760 04 90,500 85 44,160 00 173,570 25
Capital stock	\$4,151,351 91 150,000 00 4,110,500 00 636 00
	\$5,412,487 91
EXPENDITURES.	40 000 007 EQ
Expenses, as above	\$2,962,821 52
Interest Dividends on capital stock Taxes on capital stock, dividends &	434,872 52 382,895 00
Rent of Shamokin Valley & Potts-	83,631 89
ville R. R	
R. R	eds ad Illy 35
daigua R. R	
Discount on bonds	101,000 00
Construction	
Real estate	472,741 88
the next reported by means their the	\$5,412,487 91

@ Austr:18 00 008,148,19	81, 1868.
Railway and appurtenances ? Canton extension	842,182 02
18 \$182 100 00 6182 100 or	2,011,761 18
Cash \$279,622 57	1.6181
Passenger agents 8,825 96	0-19-1
Freight " 112,048 06 Post office department 12,030 59	E48484
Stock of W., Y. and G.	B-MBI "
R. R. Co 47,595 00	8'-5061 0'-0101
Debt of W., Y. and G. R. R	1807-1
Bonds of W. and F.	PE-1008
Railway Co 10,413 13	7 -3887 "
Individuals and corporations 809,755 10	14.5 P. 1
Materials and supplies 226,340 54	4-5981
on engineers sit no oce 200 de	1,077,110 74
12.0	13,088,871 92
Liabilities: Capital stock—95,978 shares	\$4,798,900 00
First mort, bonds of York & Cum- berland R. R. Co \$175,000	116 11611111111111111111111111111111111
Second mort, bonds of	
Y. and C. R. R. Co 25,000 Third mort. bonds of Y.	
and C. R. R. Co., guar-	
anteed by City of Balti-	***************************************
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Central Railway Co2,500,000	di meno
Third mort. bonds of N.	Junta
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Central Railway Co1,223,000 \$4,423,000 Beduct amount in sinking funds	6,191,500 00
Central Railway Co1,223,000 \$4,423,000 Deduct amount in sinking funds	6,191,500 00

President .- J. D. CAMBRON.

Directors.—Wm. Colder, A. E. Kapp, George Small, Edward C. Biddle, John M. Kennedy, B. F. Newcomer, Henry Welsh, Thomas A. Scott, Jacob P. Jones, Wistar Morris, S. M. Shoemaker, Edmund Smith.

Vice President.—J. N. DUBARRY.
Secretary.—Robert S. Hollins.
Treasurer.—John S. Leib.
Auditor.—Stephen Little.
Gen'l Superintendent.—A. R. Fiske.

Mr. Franklin B. Gowen has been elected President of the Philadelphia and Reading Railroad Company, vice Mr. Charles E. Smith resigned.

De	cembe	81. 186	f this ro	aritmoon	N SE	i bes	og
	om pas	sengers .	s source	in about	\$196	0,428	68 55
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			œ			118	
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UI			98			E8.81	
AT							

	Add balance from previous year 46,623	8
)	Total\$268,809	6
	From which deduct-	2

152,416 87

Balance December 31, 1868\$116,392 79
—which has been appropriated to the payment of interest due January 1, 1869, to construction, and to meet maturing floating obligations of the company.

The amount charged to construction for the year is \$460,931 96; making the total of that account on 31st Dec., \$2,609,249 72; also, on exhibit of the floating debt of the company, amounting, at the beginning of the year, to \$102,361 43.

The funded debt consists of \$1,495,000 first mortgage bonds, and \$400,000 second; leaving \$100,000 authorized, not yet issued, and it is hoped no further issue may be necessary, together with \$40,834 57 mortgages for depot grounds and docks, at Saginaw City.

There are also unadjusted liabilities for docks and freight house at Wenona, construction contracts unfinished, &c., amounting, in the aggregate, to \$50,000 or \$55,000.

The capital stock is \$548,605, to which should be added \$84,000 for right of way, and preparing the road bed for iron, from Saginaw City to Wenona, as per contract not yet fully adjusted; making a total of \$633,605 stock.

By the building of the road from Owosso to Wenona, the company has earned 192,000 acres of land, which amount has been duly certified to the company, quite carefully examined, and will be speedily appraised and effered for sale; the proceeds being pledged for the redemption of first mortgage bonds. The report says:

We have no doubt the business of the current year will be considerably more than the past, and feel safe in estimating its aggregate at not less than \$450,000, which will not be sufficient to make such additions to equipment, in the way of rolling stock, additional sidings, station houses, &c., as will undoubtedly be necessary, together with operating expenses, interest, and other incidental expenses, and fully cancel the floating debt, a portion of which will require to be carried lover into the past year.

over into the next year.

The rolling stock of the company, which now tract was signed on the 7th in consists of ten locomotives; six large, and four have commenced on the 15th,

small passenger coaches; two large, and two small baggage cars; two mixed train baggage cars, fifty box, and one hundred platform cars, is quite adequate for our present business, except in passenger coaches, of which, two more will be needed; and with a natural increase in business, another engine, and a few freight cars, may be necessary.

As the past year is the first of its operations over the whole line, from Jackson to Wenona, 116 miles, our earnings have been heretofore entirely conjectural. We can now calculate with more confidence, and compare earnings with corresponding periods of the past.

It is proper here to allude to other similar enterprises, now under contract; the completion of which, it is confidently predicted, will greatly add to our business. First—from Jackson to Fort Wayne, Indiana, 95 miles, which will afford a southern outlet for a large amount of the great staple of the Saginaw Valley, lumber. Nearly half of this line is expected to be opened for traffic the present season. Second—the Ionia and Lansing Railroad, leading from Lansing northwest to Pentwater, 127 miles, of which the division from Lansing to Ionia is under contract, and is also expected to be completed the present season, and will be a most important feeder to our road.

It is also believed the time is approaching, and if needed legislation asked for is granted—near at hand, when we can present the extension of our own road, north, via the Straits of Mackinaw, to Lake Superior, to capitalists, in so favorable a light as will insure its speedy completion; developing a section of this State, abounding in products of the forest, and of soil unsurpassed in fertility for agriculture by such extension, opening to settlement a vast territory, now almost an entire wilderness, for lack of any mode of access, thereby largely enhancing the value of the company's grant of the finest lands in the world, and developing a local business amply remunerative to the road.

As soon as our floating debt is paid, it will be the policy of the company to set apart a portion of the surplus earnings to a sinking fund; which, together with proceeds of lands sold, may be invested in the bonds of the company, so reducing its bonded debt and annual interest account.

BALANCE SHEET.

Construction account	\$2,609,249	72
Stockholders' balances	38,140	
Traffic account	3,864	67
Land department	909	48
Bills receivable		88
Cash	47,854	80
placed a policing of the	\$2,714,420	66
Capital stock	\$548.605	00
Bonded debt, 1st mortgage	. 1,495,000	00
" 2d "	400,000	00
Interest on municipal bonds, etc.		
Bills payable		
Income account		
Mortgage for Saginaw depot a		10
docks		72
the same of the same same same	82.714.420	66

President .- HENRY A. HAYDEN.

Directors.—Henry A. Hayden, Dan'l B. Hibbard, W. D. Thompson, H. H. Smith, Peter B. Loomis, O. M. Barnes, Minos McRoberts, Jas. Turner, W. H. Chapman, N. Barnard, Thos. Merrill, Henry W. Sage.

Vice President.—H. H. SMITH.
Solicitor and Secretary.—O. M. BARNES,
Treasurer.—JAMES TURNER.
Superintendent.—Andrew Watson.

A contract has been made with Mr. J. Mahoney, of Delaware, to grade, lay the track, and ballast the Kent County Railroad. The contract was signed on the 7th inst. Work was to have commenced on the 15th.

Total Total Total Eq. Num. Eq. Num. Eq. Num.

Book Britan Brit

In the AMERICAN RAILED							Preferred stock	1867.	1868. \$1,551,800 00
ent's Report in full. In tables referring to the ye	ars end	ing Nov.	30, 1867,	and 1868	, respec	tively,	Common stock	1,192,067 27	22,804,801 85 2,445,250 89
nd append a general state he completion of the road			st, earni	ngs and d	lividenda	since	Bonds converted into stock	56,000 00	. merició.
SOUTHER SECONDAL PRIVATE	THE RESERVE	OADWAY,	aboac i	1 710 81		11.119	Aggregate stock\$2	3,856,101 85	\$26,301,351 74
the purifice care may		Track.		didings.	Tota	1		\$182,400 00	\$182,400 00
	1867.	1868.	1867.		1867.	1868.	" 6 p. c. dollar " 1849-'70 " 6 p. c. " " 1861-'71	2,656,600 00 106,000 00	401,630 00
hila, and Reading It, Carbon & Port Carbon		198.80	116.98		315.78 14.44	320.24 14.62	" 6 p. c. " " 1843-'80	549,000 00	106,000 00 549,000 00
fount Carbon		5.29 9.47	9.26 4.78	6.14	13.88	14.51	" 6 p. c. sterling " 1843-'80	976,800 00	976,800 00
ebanon Valley		86.66	15.66		102.32	102.46	" 6 p. c. dollar " 1844-'80	804,000 00	804,000 00
hester Valley		21.50	2.06	2.89	28.56	23.89	" 6 p. c. " 1848-'80 " 6 p. c. " 1849-'80	101,000 00 67,000 00	101,000 00 67,000 00
chnylkill Valley		29.88 15.58	8.18 9.53	8.34 8.71	83.06 26.17	24.29	" 6 p. c. "(conv)" 1857-'86	171,500 00	171,500 0
Jnion	8.47	8.47	0.66	0.53	4.18	4.00	" 7 p. c. sterling " 1836-'72	110,400 00	110,410 0
lood Spring	14.88	14.88	1.94	1.80	16.82	16.68	" 7 p. c. " " 1836-'74 " 1836-'77	43,200 00 134,400 00	48,200 00 184,400 00
orberry Creek	82.88	5.94 32.83	0.89 17.50	0.66 18.62	7 51 50.88	51.45	" 6 p. c. dollar " 1868-'93	**********	477,500 00
East Mahanoy		11.12	8.05	2.98	14.43	14.10	" 7 p. c. " " 1868-'93	**** **** ***	2,255,000 00
ort Kennedy		0.78	0.00	1.00	0.78	0.78	Aggregate loans §	5 902 800 00	\$6,379,800 00
Vest Reading		93,83	0.89 51.93	1.00 52.83	2.63 145.26	2.74 145.66	Sinking fund stock, created in lieu of bonds	0,302,000 00	\$0,010,000 OC
erbe Valley		15.32		4 00		19.65	purchased and cancelled	\$320,000 00	. 8
erkiomen	****	10.20	*****	1.50		11.70	Bonds and mortgages on real estate	658,525 17	550,425 17
Total miles	529 94	556.79	238.26	249.90	770.60	806.69	Balance of reserved fund	2,449,255 96	1,921,975 78
Total Billes	525.70	532.34	222.95			770.60	Total debtor side	3,186,182 48	\$35,253,552 69
	_					-	Railroad	THE RESERVE OF THE PARTY OF THE	\$14,825,662 78
acrease over previous yr		24.45	15.31	11.64	21.95	36.09	Depots	1,082,963 56	1,736,468 7
washingth to store and I	OCOMO	TIVES AN	D CARS.	1071 -5				3,765,774 45 2,280,611 34	3,765,774 4 2,405,275 4
ocomotives—1st class en	alm an	1 1 8	100	18	67.	1868.	P., R. and P. telegraph stock	20,730 00	20,730
2d "					25	205	Lebanon Valley Branch	4,584,430 81	4,584,430 8
- 11 3d 11					5	5	Willow street Railroad	100,000 00 24,804 65	100,000 (24,804 (
4th	ery				4	4	Pottstown Gas Company stock	3,000 00	3,000 0
Total				2	35	236	Sch. and Susq. and Allentown R. R. stock	553,575 83	553,575 8
on Mine Hill Railroad (no	t includ	led above	a)		33	33	Shamokin Valley & Pottsville R.R. purchase	50,000 00	50,000 0 18,750 0
A LANGE OF THE STATE OF THE STA			1100	100			Greenwood Coal Co. purchase of railroad Mahanoy and Br. Mt. R.R. stock and bonds	18,750 00 1,582,950 00	1,924,050 0
Aggregate on all roads op	erated.	*** * * * * *				269	Lorberry Creek R. R. stock	50,950 00	50,950 0
			1867	of cars. . 1868.	1867.	1868.	East Mahanoy R. R. stock	287,645 61	287,645 6
Coal cars-8 wheel, iron c	ars			8 8	6	6	Good Spring R. R. stock	100,000 00 10,550 00	100,000 0
					8,162	8,486	East Pennsylvania R. R. stock	364,500 00	364,500 (
4 wheel, iron c	en cars		2 11	4 2,718 4 2,101	2,834 2,114	2,718 2,101	recently and countries to the procession	232,480 00 200,000 00	232,480 (
American array (1)			-				Union Canal R. R	200,000 00	200,000 (
Total				9,048	18,116	13,306	Real estate	124,664 09	163,734
Freight cars—16 wheel pl				1 1 397	4	4	New engine houses, Reading, &c	73,227 34	
o wheel, he	ttle car	8		88 88	762 76	794	New wharves at Richmond	177,568 79	70 000
" pl	atform		64	7 661	1,294	1,822		109,788 76	78,326
lin	Adres to a con-	****		20 40		80	Zerbe Valley R. R	**********	400,000
a wheel no				9 68 2	109		Manning and Dione Modelent Is, Is, Drock.	341 100 00	197,550
" pl	atform .		4	8 26	41	26	New rolling mill at Reading	452,709 09	154,458 896,898
		ore		10 10			Part State S		
(400.001)	ш0	*** ****	18	30 130	130	130	10.4	31,208,443 84	\$32,728,425
Total freight cars.	*** ***		1,87	79 1,378	2,468	2,512	Assets—cash items	264,562 44	758,248
Passenger cars-8 wheel				79 . 84			stock and bonds neid by company.	2,195,882 43 1,056,926 03	2,341,282 997,888
Baggage "				20 28	40	46	Debts due (current, partly secured)	550,768 12	835,771
Mail and express cars—8		**** ****		11 12	22	24	The second secon	01.000.101.55	Supplied to the Line
Total passenger tra				10 119	220	289		\$4,068,134 02	\$4,927,631
In addition to the abov								\$1,302,062 49 149,223 00	\$1,511,728 160,575
In the Transportation D	oparime.	nt:	186				" interest on bonds & mortgages	14,687 60	14,669
8 wheel house cars, wrec	k trains			5 5	10		" sinking funds	444,858 04	513,458
" platform cars, w " crate cars, for sa	th cran	89i		8 9	40			43,757 86 13,386 42	61,240 12,290
4 wheel house cars, wrec	k trains			5 5	4 5		TT Cl A Class server on Air	122,419 47	128,540
" open cars, for co	rd wood	1		71 58	_	-	of the same of the time		1000000 4000
" depot,	fuel, e	te	et each	8 8	8		Total liabilities	\$2,000,894 88	\$2,402,508
trains, &c				5 5	5		Assets over liabilities	\$1,977,789 14	\$2,525,127
			-	_	201725	1	The State of the S	or stand who	\$35,253,552
				99 87			Control of the Contro	1867	2000
Total in transports		was executed to		66 98					
In use on Mine Hill Rails	roud	*****	9	09 220	200	200	Coal Transported—Total tons of 2.240 ins	3.440.	040
	rtment		3	09 332 1 1					

Materials T	rans porte	-Tons of	1,000 Ibs :	186		68.			receipts annu	A STATE OF THE PARTY OF THE PAR		
lennage incl	luding pe	assengers, in	tons of 2,00	0 lbs. 5,42	1,538 5.4	88,558 1	Years. 1848	Passengers. 971,695	Mail, etc. \$5,656	Coal. \$278,840	Merchandize. \$87,927	**Total. \$894,818
otal tonnage	of road	to date, in	ions of 2,000	lbs 64,96	4,776 70,4	58,884	844		7,449	448,509	49,298	597,618
			n 1867 and 1		1 200	18 T	846		27,098 20,116	886,989 1,660,667	60,588	1,078,081
lumber of p	assenger	alod		1,27	3,644 1.1 5.195 90.7	67 712	1847	156,201	11,860	1,698,664	186,220	2,002,945
anivalent nu	imber of	through pa	sengers	34	5,970 3	20 825	1848		13,535 22,436	1,886,605	117,457	1,692,555
lumber of pa	assenger	to date, in	cluding Phi	la. Br 10,69	0,370 118		1849 1850	155,908 148,879	17,026	1,648,900 2,071,781	106,347 125,822	1,983,591 2,863,958
data a da	TRA	SEPORTATION	AND INCO	ME ACCOUNT	Z S M TOUR	A-64-20 11,100 A 100	1851		19,855	2,018,871	123,672	2,314,380
****	2,600,000,2	Of a desired	Loss amores	1867.	18		1852		22,555	2,150,677	138,964	2,480,626
Receipts from	a travel			1,005,647 1	8987,	000 31	1853	A CONTRACTOR OF THE PARTY OF TH	27,218 23,823	2,254,194 8,258,828	180,612 231,626	2,688,287 8,781,689
4				1,525,550 5 6,404,878 5			1855		22,996	8,661,095	325,851	4,321,794
Set H				170,420 0	2 136.	288 50	1856		84,158	3,242,458	348,699	3,918,742
MANAGE ANGELA	2,040,000	modified of	14	a la sob anul.	The second		1857		35,079	2,412,923	829,986	8,065,522
Total rec	ceipts		••• ••••	\$9,106,496 2		001 00	1858		86,463 46,874	1,865,693	385,915 474,888	2,510,751 2,724,291
						948 19	1860		41,409	2,828,158	599,620	8,312,54
Balance from	previou	s year		1,608,526 5	8 1,404,		1861		49,590	2,111,028	406,821	2,905,889
Total res	ources .		8	10,831,214 9	\$10,356,		1862 1868		105,481 116,039	2,879,419 4,897,200	678,148	3,911,880 6,252,905
				\$1,570,531 7	The State of the S	40 111	1864		201,908	7,208,775	953,776	9,269,34
	"			1,438,418 7			1865		284,103	8,627,292	1,165,277	11,142,51
Depot			*********		3 211,	421 88	1866		209,866	8,245,697	1,421,589	10,902,81
							1867		170,420	6,404,878	1,525,551	9,106,49
						988 01 571 75	1868	STATE OF THE PARTY AND ADDRESS OF THE PARTY AN	136,384	6,252,224	1,415,723 and of the mile	8,791,98
			• • • • • • • • • • • • •			040 00		lly, 1843.'68		s and care,	and of the mir	oake or en
Machinery				58,786 3		164 55	parental and of	Numi	per of	-Number of		Mileage
			**** **** ***				Years,		ines. Passe		& Freight.	Engine
				87,490 9 84,088 9			1843 1844			4 859.02 at	1,800 2,731	893,19 613,04
							1845			4 900 14 2	3.444	810.28
						852 51	1846		2 1	4 (00) (A) (1) (N)	5,075	1,014,10
				92,859 2			1847		The second second second	6	5,108	1,184,27
			• • • • • • • • • • • • • • • • • • • •	15,640 0 284,595 2			1849	8		2	5,086 5,086	1,186,57
				498,576 2		440 00	1850			ō	5,117	1,233,14
			Walnut and				1851	8			5,126	1,461,77
	1212			\$6,266,434 0		OCC 1750 1		10	300 000 000	0	5,241	1,517,98
laterest on b	onded d	ebt and mor	tgages	395,108 5 336,519 7					20	8	5,476 5,703	1,617,98
			**** **** ****					14	-	4	5,724	1,948,22
of Built State	F. 1001, 1108	000 1071		THE RESERVE	THE LA WILL			14		8	5,719	1,942,81
Total di	sbursem	ents		\$7,066,662	13 \$7,053	,955 12				8	5,684	1,707,86
Total re	served f	and	W herry for	\$3,764,480	50 \$3 802	961 54				4	5.685	1,702,26
				\$2,310,449		,570 10		14		4	5,596	1,852,48
	- FORM, 101			26 15 100 100						56 57	6,678	1,695,92
Leaving	a balan	ce of		\$1,454,031 4	2 \$505	391 44		16		37	7,800 8,430	2,088,16 2,721,68
	E I TON	PROGRES	S OF THE C	OMPANY.		- Table	1864	21	7 4	31	9,606	3,828,2
Statement	showing	the cost,	earnings an	d dividends	annually fr	om the		22		7	10,074	8,689,80
				he fiscal yea		OFFICE SHOP	1867		5 11	06	10,451 10,886	4,261,85
Fiscal Co			Operating		Divide	nds	1868	28	11		11,071	4,500,1
Year. Pr	operty.	Earnings.	Expenses.	less Exp.	Amount.	Rate.				gers and tor	s of coal, merc	
1843 \$ 7,1 1844 9,8	19,292	\$214,923	\$394,318	\$179,495	\$	****		rried over th	e road annua	lly, 1843-'6	8:	Coon to Pa
184510,2	276,851	597,618 1,078,031	829,442 570,726	268,171 507,305			Vagna	Passenger Carried.	Coal.		e carcied.————————————————————————————————————	Mat.
184611,5	531,441	1,900,115	862,320	1,037,795	312,000		Years. 1843	56,514	218,711	17,58		Tot. 822,1:
184712,1	115,886	2,002,945	1,100,406	902,539	411,840	12*	1844	66,508	421,985	20,47	2 160,138	659,2
184814,8		1,692,555	1,212,029	430,526			1845	63,719	814,279	26,08	9 102,408	1,046,8
184916,8 185016,8		1,938,591 2,863,958	1,028,245 1,169,455	910,346 1,194.503	249,590	6	1846	88,641	1,188,258			1,515,4
85116,6		2,294,975	1,304,291	990,684	*******		1847 1848	97,163 105,720	1,860,681 1,235,044	71,71 58,12		1,570,5
185217,1		2,480,262	1,840,797	1,139,829	722,971	5 8*	1849	95,577	1,097,762	51,20	4 145,503	1,429,5
THE BANK SALWES	ment - 1177 CC	A . HE Server sho	THE RESERVE AND ADDRESS OF THE PARTY OF THE	15 (11) 3 (01) 10	An all the second	6 0	1850	92,726	1,851,507	63,62	5 157,450	1,743,6
185317,9 185418,9		2,688,287 3,781,689	1,329,511 1,771,101	1,358,776 2,010,438	172,935 587,428	3 10*	1851	127,590				2,145,1
701 (BLK 1-3.550)	ALC: NAME OF THE PARTY OF THE P		and the break			£ 92 m	1852 1858					2,122,1 2,076,1
185519,0		4,291,898	1,941,041	2,350,857	1,077,029	1 4	1854		1,987,854		1 187,591	2,582 5
185619,1	163,151		1,979,019	1,900,565	770,530	8	1855	277,617	2,213,292	154,88	247,478	2,909,5
185719, 185823,	811 910	3,065,522 2,510,751	1,601,753 1,882,720	1,468,769 1,128,031	385,425	and the same of	1856	282,800				2,815,7
185924	070,835	2,724,928	1,478,477	1,245,816			1857 1858	291,679 285,651				2,326,7 2,126,8
186024	161.889	8,312,546	1,686,561	1,625,985			1859	879,406				2,405,8
186124	481.217	2,905,838	1,282,188	1,623,705		****	1860	885,804	1,946,195	428,12	160,084	2,819,8
186225, 186825,	126,889	8,911,830	1,816,155	2,095,775	699,788	7*	1861	368,651	1,689,536	324,9		2,348,9
186425.	469.544	6,252,902 9,269,841	2,916,159 4,961,190	8,836,748 4,928,151	889,030 2,618,129		1862	896,416				8,260,9 4,891,8
186527,	869,861		6,830,248	4,812,271	2,226,471			576,861				4,606,2
186629	929,440	10,902,819	6,738,747	4,164,072	2,564,918	10†	1865	1,481,682	8,090,814	846,1	249,868	4,712,0
	208,448		6,266,434		2,508,029		11866	1,444,257	3,714,684	1,087,1	21 226,896	5,574,9
186781,	700 405		B 1857 5 1 1	2,629,426	2,797,570	100	11267	1,278,644	8,446,826	1,185,8	96 242,526	5,421,8
186832 Paid in	,728,425		6,162,511	as preferre	20 Sept. 194 Sept. 1 - 1	00,249 - 1	1000	1,194,570	8,574,874			5,448,

RAILROAD AND CANAL DIVIDEND STATEMENT. Ton ange, feetlading theme.

Mercagadise		ROAD	AND CANAL	DIV	IDEN	D S	TATEMENT.	elent oc	Il Jacksol I	ALTO T
887 927 48 10,228 8		-	ount of Stock Outstanding, the		Periods at	nd the dat	of last Dividend.	page to	attaced (Liebil.
rked thus (*) are lease roads.	Stock out- standing. Per	Last Dividen- riods. Payable	Marked thus (*) are leased	Stock out- standing.	Dividend Periods.		Marked thus (*) are leased roads.	Stock out- standing.	Dividend Perioda.	Las Divid Payal
egheny Valley	0 \$1,774,824 2,000,000		Hartford and New Haven.100 Hannibal and St. Joseph. 100	2,900.000			Portl, Sace & Portsm'th*.100 Providence & Worcester.100	\$1,500,000 1,800,000	J. & D. J. & J.	Dea.y
anta and West Point 10 antic & N. Carolina 10	0 1,282,200 J. 0 6,646,225	& J. July '68	Do. do pref.100 Hanover Branch, Pa 50						A. & O.	Jul. 16 Oct 16
antie & Gt. Western & pref. &	0 1,919,000		Housatonic 100	820,000 1,180,000	J. & J.	Jan.'68 4	Richmond and Danville100 Richmond and Petersb g_100	2,000,000 847,100		
gusta and Savannah 10	738,700 J.	& J. Jan. '69 3	Hanover Branch, Pa 6 Housdonie 100 If Udson River 100 Huntingdon & Bd Top 6 Illinois Central 100 Illinois Central 100 Indianapolis, Cin. & Lafay, 80 Jeffersonv, Mad. & Ind. 100 Jolist & North Indians 190 Lackawanna & Bloomsb 5	494,380	J. & T.	Api. '08 4	Rockport and Potomac.100	88,400 2,400,000	*****	Non
o. Washington Br 10	0 1,680,000 A. 670,000 J.	& O. Oct. 68	5 Illinois Central	28,415,780	F. & A.	Feb. '69 5	Rutland preferred100	2.300.000	F. & A.	Fehr
de Noquet & Marq. 10	0 1,250,000 A. 0 4,420,000 F.	& O. Apl'68 & A. Feb,'688	Jeffersonv., Mad. & Ind10	2,000,000 1,500,000	J. & J. J.A.J&O	Jan. '65 5 Apl.'691	St. L. Jack'nv. and Chic'o.100	2,040,000 1,469,429	Annual.	May
videre Delaware10	0 996,250 0 600,000 J. A	J&O Apl. 69 1	Jolist & North, Indiana 196	300 000 1 335,000	J. & J.	July '68 4	Sandusky and Cincinnati. 100 " pref.100	2,089,000 445,596	M. & N.	
ton and Albany	0 250,000 J. 0 18,725,100 J.	4 D. Dec. 68 2 4 J. Jan. 69	Lackawanna & Bloomsb. 54 Leeds and Farmington* Lehigh and Mahanoy 54 Lehigh and Rusquehanna. 54 Lehigh Valley	2,158,586	J. & J.	Jan. 676	Sand., Mansf. and Newark. 100 Savannah and Charleston. 100	1,000,000	*********	****
ton, Concord & Mont.16	0 459,600 A.	& O. Apl. 69	Lehigh Valley	8,789,900 10,781,400	J.A.J&O	Apl'6924	Second and Third St. (Ph.) &	1,269,150 203,757	J. @ J. J. & J.	
do. pref.10 do. pref.10 don and Lowell.	0 1,891,500 J.	& D. Dec. 68	4 Lexington & Frankfort 100	514,646	J. & J.	Jan. '69 8	Scaboard and Rosnoke100	868,200		Jani
ston and Providence	0 8,360,000 J. 0 825,000 J	& J. Jan. '69	L. M. & C. and X. (Joint'-10	1,804,397	J. & D.	Jun. 68 3	Shamokin V. and Pottsv. 86	670,000 869,450 636,200	B. & A.	Rah!
admin de 7th Av. (N. Y.)	0 2,100,000 J. 0 1,000,000 F.	& J. Jul. '61	2 Little Schuylkill* 86 Lomb, and South St (Ph.) 2 Long Island. Long Branch & Sea Shore	90,090	FMAN	Ang 166 9	Sixth Avenue (N. Y.) 100 Somerville	750,000		Mon
oklyn City & Newt'n it falo, Bradford & Pitts it					J. & J.	N'v'67 10 J'n,'69 44	South Carolina100			-
Folo and Erie	0 950,000 M. 0 5,000,000 F.	& N. N. '68 8 & A. Feb. '69	Louisville and Frankfort. 5 d Louisville and Nashville. 10 Louisv. N. Alb. & Chicago. 10	0 7,869,186	J. & J. F. & A.	Jan. '69 8 Feb. '69 4	South Shore	3.203,400 660,000	F. & A.	A'g.
nbridge Horse (Host'n)1	OI 7.921.412 F.	& A. Fob. '69	bilLowell and Lawrence 10	0 2,800,000 0 200,000	A. & O.	Apl. '69 8	Stony Brook	267,800 1,988,141	M. C. M.	M'y
nden and Atlantic, pref.	0 331,000		Macon and Western 10 Mabanoy & B'd Mount/n* 5	0 1.676.91		Canada and	Summit Branch 50	250.000	J. & J.	
e Cod Branch	0 1360,000 J,	& D. Dec.'68	Manchester & Lawrence 10 Marietta & Cincinnati 5	0 1,000,000	II M A N	NOT BE A	Syr., Bingham. and N. Y.100 Taunton Branch	250.188	J. @ J.	Jan.
awissa, pref	0 2,200,000 M	& N. Nov. '68	8 " 1st pref. 5	0 6,686,186	M. & S.	Sep. '66 3	Tennessee and Alabama .100 Terre Haute and Indians. 50 Third Avenue (N. Y.)100 Thirteenth and Fif. (Ph.) 50	595,922 1,988,150 1,750,000	J. & J.	
tral of Georgia	0 4,666,300 J C 13,768,600 J	& J. Jan. '69	Memphis and Charleston 10 Memphis and Ohio	0 5,312,72	M. & B.	Mar. '68 8	Thirteenth and Fif. (Ph.). 50	2,700,000	J.@ J.	Jan
tral Ohio	0 2,600,000 J 0 400,000 J	& D. Dec. '68 & D. Dec. '68	8 Metropolitan (Boston) 10 8 Michigan Central 10	0 1,250,000	J. & J. J. & J.	Jan. '69 5 Jan'69 15	" " (E. D.) pref.100	1,700,000		****
					F. & A.	Feb. 69 4 Feb. 69 5	Tol., Wabash and West100	5,700,000 1,000,000	W. & N.	
eshire, preferred	0 5,141,800 M	& S. Mar. '69	5 Mill Creek and Minehi 12, 6	0 823,870	J. & J.	Jan.'69 &	Troy and Greenbush 100	274,400	J. & D.	-
cago, Burl. & Quincy	0 12,500 000 M	& S. Mar. '69	Milw & Prairie du Chian 10	0 405,020	H IP As A	A 120 167 6	Hinton Transport n (Bos) 100	900.00	J. @ J.	
cago and Milwaukee 1 leago & N. Western	0 2,227,000 0 14,556,676	4 D Dec '69	6 " " 1st pref 10 " " 2d pref 10 5 Milw, & St. Paul. 10 " " pref 10		Annual.	Feb.'68 8	Union (Phila)	834,400 2,500,000 5,000,000	J. & D.	Jan. Dec
eago, R. I. & Pacificl	0 16,856,287 J. 0 14,000,000	& D. Dec. 68	5 M. Hill & Schuylk, Haven 5	0 8,050,899	J. & J.	Do. 7a10s	Vermont Central 100 Vermont and Massachu'ta.100 Vickeburgand Meridian 100 Virginia Central 100 Virginia and Tennessee.100 Western Union 100 West Jersey 100 West Philadelphia 600 Wille And Weldon 100 Winchester and Potomes.	2,800,000	J. & J.	
Ham & Dayton	0 8,521,664 J	Sept. Sep.'68	5 M. Hill & Schuylk. Haven 5 Mobile and Ohio 10 Montgomery & W. Point 10	0 3,762,400	J. & D.	Den. 67 4	Virginia Central100 Virginia and Tennessee100	8,853,679 8,497,791	****	-
street	0 1,678,846 J.	& J. Jan.'65	Montgomery & W. Point 10 Morris and Essex 5 Mt. Carbon & Pt. Carbon & 8 Nashus and Lowell 10 Nashville & Chattanoga. 10 Nashville & Chattanoga. 10 New Bedford & Taunton. 10 New Haven & N. London. 10 N Haven & Northampton. 10 New Jersey 10 New York Central 10	0 3,616,350 0 282,350	J. & J.	Dec'68 7s	Western Union100 West Jersey100	2,707,698 804,150		Feb
v., Col., Cin. & Ind.	0 192,750 J 0 10,450,000 F	.@ J. Jan. '69 & A. F'b. '69	Nashville & Chattanooga. 10	0 720,000	M. & N.	Nov.'68 5	West Philadelphia 50 Wilm, and Weldon 100	249,100 1,468,778	J. & J.	Jan
veland & Manoning	0 8,750,000 J	& J. Jan'69	New Bedford & Taunton 10	0 1,486,600	F. & A. J. & J.	Fab.'69 5 Jan.'69 4	Winchester and Potomac,	1,547,650	J. & J.	Jan
veland and Toledo*	0 5,000,000 J.	& J. Jan. 69	N Haven & Northampton.10	0 1,344,00	J. & J.	Jan. '68 S	Worcester and Mashua 7	1 522,500	J.& J.	Jan
umbus and Xenia	0 1,786,200 J. 0 1,500,000 M	& J. Jan'69	New York Central	895,000	M. & B.	Sept'68 4	Chesapeake and Delaware &	1,818,960	J. & D.	Dec
neord & Portsmouth10 ney Island & Brooklyn.10	01 000,0001 .1.	& D. Dec'68	ALL COPTINGSTAR 10	A192.829.60	1		Deleware Division	1 1 633 350	H F A A	IRah
do. do. pref.1	0 139,000	& J. Jan.'60	New York & New Haven, 10	0 1,500,000	J. & J. J. & J.	Jan.'69 4	Delaware and Hudson10 Delaware and Raritan10 Eric of Pennsylvania	2,521,300 64,000	F. & A.	Fel
mberland Valley.	0 1,700,000 J. 0 1,816,900 A	& J. Jan. 69 & O. Oct. 68	8 New York & New Haven, 10 5 N. Y., Provid. & Boston 10 4 Nisg. Bridge & Canandai*10 Ninth Avenue	0 2,000,000	J. & J. J. & J.	Jan. '69 34 Jan. '69 3	Eric of Pennsylvania	8,739,800 728 100	M. & N. J. & J.	M'j Jar
nbury and Norwalk] yton and Michigan*l aware*	604 280 T		North Carolina	m 797.40	01	4	Morris (consolidated) 1	1 1.025.000	F. & A.	Fel F.
Lackaw. & Western. Moines Valley1	00 18,880,020 J.	& J. Jan. '69	SUNOPED RESERVED (# C) prof to	0 155,00	F.M.A.N	Feb. '69 2 May '67 4	" (preferred)	2.888,800	F. & A.	Fel
roit & Milwaukee1 pref.1 Dock, E. B'dw. & Bat.1	00 1.047,850		North Pennsylvania	0 3,150,150	JAJ	Jan. 69 5e	Union	2,907,850	0	
buque and Sloux City_1	00 1,200,000 A	nnual. Jan. '60	Norwich & Worcester 10 Ogdensb. & L. Champlu 10 4	0 3,024,000	J. & J.	Jan. '69 8 Apl. '69 4	W. Branch and Susq b Wyoming Vailey b	1,100,000	J. & J.	Jar
do. pref 1	00 1,987,351 J 00 3,883,300 J	& J. Jan. '69 & J. Jan. '69	Ohio and Mississippi pref.10 Oil Creek & Allegheny R. 5	0 20,000,000	J. & D.	Dec'68 34	MISCELLANEOUS		300.33	
tern (N. H.)	0 492,500 J 0 654,600	. & J. Jan. '69	Old Colony & Newport 10	0 4,259,000 0 4.848,82	J. A. J&O J. & J.	Apl.'69 24 Jan. '69 3	Pacific Mail Steamsh p10 Upion Navigation10	20,000,000 4,000,000	MJS&D. MJS&D.	Ma De
t Tenn. and Virginia le	0 657,800 0 1,000,000 T	A JAO Jan 188	Orange and Newark 10 Oswego and Syracuse 12 Panific of Missouri	0 281,55 0 482,40	F. & A.	Feb.'69 4	American Coal	1,590,00	J. & J.	M.
., Jeffers. & Canand le	0 500,000 F.	& A. Feb. 69	Panama 10	0 7,000,00 0 248 50	J.AJ&O.	Apl. 696	Butler Coal 2	5 500,00	J. & D.	De
e Railway	0 500,000 J 0 57,765,800 F	& J. Jan. 69 & A. Feb. 66	Paterson and Hudson Rivio	0 630,00	J. & J. M. & N	Jan '69 34 Nov. '68 5	Fulton Coal	200.00	J & J.	Jai
e & Pittaburg	0 6 4,300 A	nnual, Jan. '68	Philadelphia and Erie*	0 1,200,00 0 5,996,70	A. & O.	Apl, '69 6 Jan, '68 8	Mt. Pleasant Coal 4 Pennsylvania Coal 5	200,00	FMAAN	De
hburg & Woresten	0 3,540,006 J	& J. Jan. '69	Do. Do. preferred.	0 21,304,30 0 1,551,80	J. & J. J. & J.	Jan. '69 54	Short Mt. Coal	200,00	0	De Jai
and Holly	0 500,000 M	& N. M'y '67	5 Phila, and Trenton	0 1,035,66	A. & O. F. & A.	Ap'1'69 6 Feb. '69 5	Spring Mountain Coal 5 Spring Hountain Coal 5	1,250,00	J. & J.	Jai
naf. and Southw.(Ph.)	0 491,620 J	@ J. Jan. '69	8 Philadelphia City	0 100,00	J. & J.	Jan. '69 3	Wyoming Valley Coal10	0 1,250,00	F. & A.	Au
mantown (Phila)	0 112,245 J. 0 160,000 J.	& J. Jan. '68 & J. Jul. '67	Old Colony & Newport 10 Orange and Newark 10 Orange and Newark 10 Oswego and Syracuse 6 Passific of Missouri 10 Panama 10 Paterson and Ramapo 10 Paterson and Hudson Rivid Pennsylvania 10 Pennsylvania 10 Philadelphia and Reading ! Philadelphia and Reading ! Philadelphia and Reading ! Philadelphia and Reading ! Philadelphia and Trenton* 10 Phila, and Trenton* 10 Philadelphia City Philadelphia City 10 Philadelphia and Oarly 2 Pittab, Ft. W. & Chicago 10 Pittabell and N. Adama 10 Portland and Esprebec 10	\$ 217,69 0 11,500.00	J. @ J.	Jan. '69 2	American Express	9,000,00	FMAAN	Ma
Mile, and control of (Ph.)	0 150,000 T	Mar. 169	Portland and N. Adams. 10	469,00	0 J. @ J.	Jan, '69	United States Express 10	0 6,000,00	MJB&D	. De

Atlantic and 1866 | 1865 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 1866 | 186

R	AlLI	ROAL	EA	RNIN	GS-	MONT	PHLY	THE A V	V. 1000			
6	February. 433,279 380,190	March. 385,991 489,555	April. 412,521 407,018	May. 464,607 465,102	June. 498,243 383,396	July. 466,898 400,550	461,879	\$88,150 483,177	599,670 483,917	474,056 474,134	December 388,573 360,641	Total. 5,696,119 5,167,371
go and Alton: 109,850	393,251 101,355	408,847 104,372	388,654 122,084	355,255 132,301	350,184	343,325	413,484 157,948	170,044	464,376 170,910	455,910 156,869	153,294	1,673,706
56	154,418 275,283 222,241	195,803 299,068 290,111	162,723 258,480 269,249	178,786 322,278 329,851	206,090 355,270 371,544	224,257 335,985 321,597	812,165 409,251 367,269	354,554 401,280 322,638	320,879 357,956 360,223	307,803 307,919 323,030	252,015 236,824 271,247	2,770,484 3,840,092 3,695,153
67	157,832 275,140 304,828	285,961 267,094 393,648	282,165 279,121	335,510 308,342	842,358 884,504	854,244 404,012	415,982 558,101	408,999 486,196	426,752 503,746	859,102 409,569	330,169 361,701	3,892,861 4,508,648
180	130,225	122,512	126,798	144,995	170,937	139,142	160,306	210,729	216,030	196,435	201,184	1,959,267
168,736 198	175,482 246,331 183,385	243,150 289,403 257,230	185,013 196,580 209,099	198,679 234,612 277,506	243,178 321,818 306,693	224,980 244,121 238,926	307,874 306,231 317,977	375,860 389,489 400,941	324,865 307,523 428,474	836,617 270,073 345,028	321,087 201,779 260,268	3,095,470 3,313,514 3,466,922
1907	224,621 297,464 808,200	272,454 276,431 398,700	268,369 288,700	297,625 308,891	276,681 366,200	297,513 329,800	444,024 478,600	566,408 544,900	599,549 559,900	442,275 401,100	377,058 381,400	4,368,614 4,541,973
icege and Northwestern: 363	317,839	890,355	421,363	466,830	366,100 565,145	281,334 480,710	296,169 519,306	473,186 669,605	551,122 729,750	435,945 716,378	407,688 563,400	2,811,544 6,114,566
\$66	482,164 399,917 574,664	499,296 528,745 765,398	468,358 537,519 774,279	585,623 858,948 895,712	747,942 925,983 898,658	702,691 808,524 888,214	767,508 797,475 1,063,236	946,707 1,000,086 1,448,942	932,683 1,200,216 1,541,057	754,671 1,010,892 1,211,530	547,842 712,359 879,900	7,976,490 9,299,430 11,632,737
967	807,478 827,254	850,193 1,149,258	1,094,598	1,211,150	1,167,544	1,091,466	1,266,831	1,518,483	1,574,906	1,135,334	1,001,892	18,448,765
1,185,746 906,759	987,936 917,639	1,070,917 1,139,528	1,153,441 1,217,143	1,101,632 1,122,140	1,243,636 1,118,731	1,208,243 1,071,312	1,295,400 1,289,024	1,416,101 1,444,745	1,476,244 1,498,716	1,416,001 1,421,881	1,041,116	14,596,418
66	901,752 236,637	1,136,994	1,263,742	1,163,612 208,246	269.282	261,079	352,786	414,543	410,336	372,593	869,463	3,445,827
963,	271,085 416,588 528,972	275,643 459,762 616,665	289,224 428,797 516,608	334,687 406,373 460,573	407,992 510,100 617,682	343,929 423,578 578,403	511,305 640,179 747,469	478,576 799,236 739,736	496,433 661,391 641,589	437,679 657,141 643,887	424,531 608,402 518,088	4,571,028 6,329,447 7,181,206
66	505,266 524,871 536,165	505,465 417,071 444,443	411,605 440,271 518,800	569,250 477,027 672,551	567,679 516,493 626,249	480,626 525,242 549,714	578,253 709,327 794,326	571,348 788,530 889,967	861,971 823,901 931,530	588,219 727,810 685,401	504,066 613,829 681,041	6,546,741 7,160,992 7,817,003
868	658,783	711,559	******		******	******	******	*******	113,504	112,952	123,802	C 1012181207
66	85,447 78,976 81,599	94,351 92,910 98,482	81,181 92,768 108,461	96,388 90,526 95,410	103,373 96,535 95,924	98,043 106,594 108,413	106,921 114,716 126,556	104,866 121,217 121,519	142,823 125,065	132,387 119,169	123,383 121,408	1,201,239 1,278,713 1,294,095
98,517 higan Southern & Northern Indiana : 248,784	91,666 230,508	103,558	268,613	264,935	241,236	189,145	238,012	808,106	375,567	332,860	318,048	8,302,543
864	304,445 366,361 277,234	338,454 413,974 412,715	330,651 365,180 413,970	267,126 351,489 418,024	315,258 387,096 384,684	278,891 301,613 338,858	358,862 418,575 384,401	402,219 486,808 429,177	407,107 524,760 496,655	448,934 495,072 429,646	411,806 351,799 852,218	4,120,152 4,826,727 4,650,328
867	311,088 338,335 363,881	395,372 381,497	409,248 455,983	357,749 400,486	307,968 363,559	313,130 301,495	434,318 435,781	488,388 612,523	530,871 532,061	429,785 419,005	380,034 426,313	4,668,808
609	159,658	151,902	175,696	186,039	174,002	172,189	216,624	295,956	322,369	307,474	258,634	2,650,702
968	245,858 278,848 279,137	286,432 348,802 344,228	238,495 338,276 337,241	236,468 271,558 401,456	206,221 265,780 365,663	193,328 263,244 329,105	215,449 846,781 413,501	808,168 408,445 476,661	875,488 410,802 490,694	339,794 405,510 447,670	306,186 376,470 328,870	3,168,065 3,970,944 4,520,559
866	265,796 283,661 304,315	337,158 375,210 326,880	343,737 362,783 415,758	365,196 333,952 369,236	385,083 284,977 325,501	324,986 313,021 321,013	359,646 398,993 392,942	429,161 464,778 456,973	493,640 506,296 511,820	414,604 412,984 410,826	308,669 330,373 390,671	4,260,115 4,371,073 4,569,251
869	320,636 240,755	386,527 261,143	816,266	401,900	369,356	365,412	350,565	751,788	1,101,771	775,616	438,323	5,683,608
868	350,884 330,233	883,281 420,774	435,629	565,718	458,094	423,247	522,545	1,028,520	1,037,434	529,927	468,796	6,517,562
W York Central: 957,869	613,381 895,887	955,659 1,135,745	1,346,734 1,190,491	1,255,521 1,170,415	1,132,701 1,084,583	1,162,024 1,185,461	1,495,762 1,285,911	1,524,434 1,480,929	1,526,839 1,530,518	1,486,356 1,211,108	1,117,858 935,857	14,576,128 14,148,216
907	845,853 260,466	309,261	1,227,286	1,093,731	934,536 223,242	268,177	1,389,915 302,596	882,400	278,006	346,243	275,950	3,311,077
866	239,139 246,109 219,065	313,914 326,236 279,647	271,527 277,424 284,729	290,916 288,130 282,939	304,463 253,925 240,135	349,285 247,262 234,638	344,700 305,454 322,621	350,348 278,701 365,371	372,618 310,762 379,367	412,553 302,426 336,066	284,319 281,613 272,063	3,793,005 3,880,583 3,459,319
868	231,351 216,080	265,905 221,459	252,149	204,620	217,082	194,455	287,557	307,122	283,829	274,687	233,861	2,964,041
	217,161 361,834 532,786	244,423 396,771	258,674 429,929	283,996 -505,517	254,285 464,809 936,188	388,725 451,884 711,457	414,707 574,486 1,170,241	448,994 714,302 1,125,635	463,878 815,902 754,551	466,557 746,955 1,032,149	454,826 526,009 812,178	4,088,837 6,324,083 9,555,510
864	608,306 725,967	617,021 116,215 779,198	069,384 923,283 861,604	757,178 416,341 1,109,267	566,979 1,140,301	957,194 996,841	1,121,205 1,252,386	1,351,579 833,742	1,419,282 887,793	1,196,955 874,974	702,685 436,990	10,033,026 10,637,124
	534,561 518,174	703,618 651,019	-	965,358 761,220	908,974 744,188	P-035 - N	693,104 631,143	873,153 1,006,631	CE Lond	1,113,896	aralla en	9,256,284
	274,258 366,598 457,227	295,778 461,965 611,297	282,695 462,887 588,066	277,009 427,094 525,751	261,210 395,845 582,911	249,419 350,753 506,641	277,380 407,077 625,547	297,525 463,509 675,360	401,299 505,814 701,352	691,556	370,983 487,642 914,082	8,745,810 6,132,934 7,120,465
1866	678,504 480,986 525,497	857,583 662,163 627,960	599,806	637,186 682,510 586,484	646,995 633,667 507,451	584,523 552,378 587,381	712,495 648,201 606,218	796,938 654,926 669,037	858,501 757,441 784,800	679,935	555,222	8,489,062 7,467,217 7,242,126
1868	604,316 585,997	689,317 745,504	770,198	615,600	601,289	656,828	656,424	781,562		686,554	746,999	8,041,181
1807	155,893 149,342	192,138 174,158	188,162		162,532 156,066	172,933	222,953 220,788	198,884 219,160	280,340	205,095	177,364 180,971	2,250,142 2,218,402
182,003	133,892 127,817	The Line is		******	140,408		204,597	196,910	******	care a su la	******	1,935,753
18/759 144,084 1868	95,848 139,171 194,167	132,896 155,753 256,407	144,001	138,738	156,838 194,525 825,691	271,799	244,114 374,024 896,248	248,840 377,981 349,117	375,584 486,065	220,209 361,910 354,881		2,060,322 2,924,643 3,717,386
1868	200,793 265,793 265,137	270,680 263,250	817,052 292,285	329,078 260,529	304,810	309,951 288,833	364,724 484,208	382,900 450,200	406,766	351,759 323,274	320,756	8,809,358 8,945,694
1865	37,265	32,87	83,972	63,862	82,14	68,189		75,677	Age of the same	61,770		A80.588
1966. 45,102 1987. 50,078	36,005 27,667 40,708	39,301 36,399 39,199	40,710	57,869	60,558	58,262	78,526	76,677 84,469 126,496 97,888	100,312 120,205 97,600	79,431	54,719	774.967

NATIONAL AND STATE SECURITIES.

•Indicates that no interest is paid.	Amounts outstanding.	Rate.	Payable.	WHEN PATA- BLB.	Market Price.	.*Indicates that no interest is paid.	Amounts outstand- ing.	Rata.	Payable,	WHEN SA
National Securities, Mar. 1, 1869. can of Jan. 28, 1847 registered	10P1_70B		Jan. & July.	1867	-	Massachusetts—State Almshouse Loan————————————————————————————————————	100,000 275,000	5.5	May & Nov.	1872
oan of March 31, 1848registered	matured.	6	# #	1868		-Back Bay Land Loan	220,000	6	May & Nov.	1882
e valements of Son 9 1850 sonnon	256,000		presentation.	1868 Due.		-Funding Loan	75,000	6	April & Oct.	1868
Loan of June 14, 1858	20,000,000	5	Jan. & July.		113	-Lun, Hosp, and State Prison.	172,000 94,000	6.	Jan. & July.	1874 12
coan of June 22, 1860registered (7,022,000 }	5	66 66 80 46	1871	128	-Lun. Hosp. (W. Mass.)	50,000	6.	June & Dec. Jan. & July.	1877 12
Loan of Feb. 8, 1861	18,415,000	6	4 4	1881	115	" —Coast Defense Loan	200,000	5.	66 66	1888 10
oregon War Bonds of March 3, 1361	1,016,000	6	July.		111		4,879,500 8,996,000	5	May & Nov.	1894 100
can of July 17, 1861 registered (264,246,400	6	Jan & July.	1881	115	" -Union Fund Loan	850,000 2,150,000	6	Jan. & July.	71-72 12
can of Feb. 25, 1862 (5-20s) registered)	1	6	May & Nov.	1882	115 109	-War Loan (currency)	2,113,000	6	Mar. & Bept.	71-86 101
cen of March 3, 1864 (5-20s) -registered	3	6	May & Nov.	1884	120 ± 109%	-Eastern R.R. Loan	4,819,520 275,000	5	April & Oct. Jan. & July.	68-71
oan of March 3, 1865 (5-20s) registered	,802,587,350	6	May & Nov.	1885	114	"—Southern Vermont R.R.—— "—Troy and Greenfl'd R.R.——	200,000 966,500	5	April & Oct.	91-98 105
4 2d series (5-20s) coupon	102,0	6	Jan. & July.	1885	1179 113	Michigan—Sault Canal Bonds	554,180 100,000	5	Jan. & July.	1878
4 8d series (5-20s) registered	12.00	6	66 66	1886	114 113	-Renewal Bonds	216,000 1,780,000	6	66 66	1878
4 4 (5-20e) coupon	. [6	Mar. & Sopt.	1887	114	H _ H . Li 46 61	250,000 1,111,500	7	66 M 64 66	1868
# # (10-40s) coupon (194,567,300	5	4 4	1904	105 105	War Loan Bonds	463,000	7	May & Nov.	1890
soide B. R. Bonds (0urrency) rens's Notes (7-80s) June 80, '61 : 2d series ?	53,937,000 matured.	7.3	Jan. & July. June & Dec.	1868	104	Minnesota - State Building Loan	100,000 2,275,000	77	Jan. & July.	1877
soific B. B. Bonds- read's Notes (7.80s) June 80, '61: 2d series (in (7.80s) Mar. 3, '85: 3d series (atured Debt not presented	6,166,464		Jan. & July. presentation.	1868	- 1000	MississippiState Bonds (Planters' Bank)	2,000,000 5,000,000	6		Var.
ond Cortimoscost Notes 1864 '65	28,775,560		presentation. At maturity.			" -Hannibal and St. Joseph R.R.	622,000 3,000,000	6	Jan. & July.	81 86 8
ited States Notes (greenback)	356,021,078 57,140 000		*********			" -Pacific R.RSouthwestern R.R	7,000,000 4,500,000	8	66 66 66 66	81-87
actional currency	36,781,547 14,900,000	8	**** **** **** **		****	" North Missouri R.R.	4,850,000 8,500,000	6		82-87
THE RESIDENCE OF THE PARTY OF T	72/200/000	5	****** ****	*****	-	" -Cairo and Fulton R.R.	650,006	6	6 6	185-187
State Securities, latest.	168,000	6	May & Nov.	1872	683	" -Platte County R.R New Hampshire-War Loan of July 1, 1864	1,194,100	6	Jan & July	1887
" = " (extended) "	1,941,000 437,850	5	66 66	1883	003	New Hampshire-War Loan of July 1, 1864 "Bopt, 1, 1864 "Cet. 1, 1866	609,500	6	April & Oct.	67-74 10
" _ " (sterling) "	688,000	5	Jan. & July.	1876	-	" " " July 1, 1866 New Jersey – War Loan of 1861 (free)	500,000 1,798,900		Jan. & July. Jan. & July.	1800
kansas—*Bank Loan (real estate) .coupon	899,000 610,000	0	April & Oct.	1861		" - " " 1863 (")	1,002,900	6	ii ii	90-90
lifornia-Civil Bonds of 1867 cupon	3,727,500	7	Jan. & July. Jan. & July.	1868	124	New York-General Fund Bonds	706,000		J. A. J. & O.	1870 101
u _goldiers Relief Bonds "	198,500 1,548,500	7		83-84	99	" - " " " registored	2,559,000 27,726,500	7	Jan. & July.	1877 106 1877 106
onnecticut—War Bonds of May, 1861	2,000,000	6	Jan. & July.	71-81 72-82	100	General Fund Bonds	1,189,780 600,000	6	4 4	1868
11 Nov., 1863	2,000,000	6	44	1883	901	" - Canal Fund Bonds	800,000	6	J. A. J. & O.	1878 100 1871 100
orida—State Bondsooupon }	2,000,000	6	Jan. & July.	1885	100	ii ii ii	6,000,000 2,250,000	6	4 4	1873 102
orgia—State Bonds (Bailroad)coupon	276,000	7.		var.		General Fund Bonds	1,400,000 909 607	6	44 44 Ton 45 Ton 45	75-77 100 pleas, 108
H (A.OL MINT, 12, '00,	8,030,000	7	Jan & July	72-74 1886	931	-General Fund Bonds	442,960	8	May & Nov.	1868
" (Railroad)	734,000		Feb. & Aug.	68-74 78-86	82	4 4	900,000 800,000	5	Jan. & July.	1875 1878
inois-Ill, and Mich. Canal	72,000 1,157,228	6	fan. & Sept.	1869	100	- Canal Fund Bonds	1,163,000	5	J. A. J. & O.	1868
state Bondsregistered	1,229,667 948,910	6	" "	1870	112	North Carolina – State Bonds	4,500 000 366,000	5	Various.	1874 98 69-78 66
War Loan Bonds	4,357,253 945,200	6	64 64 9	77-79	006	4 4 6	8,334,000		Jan. & July.	81-90
diana State Bonds coupon		24]	ian, & July.	1800	00	" _ " (new)	8,500,000 280,866	6	Jan. & July.	1900 54
44 45 - 65, 488 44	309,000		Lay & Nov.	1866	97±	Ohio-State Bonds (Union Loan)	2,183,532	6		1870 100
wa—State Bondscoupon	300,000	7		1868		W H. H	1,600,000 4,095,309	6		1875 101 1881 101
nsaa State Ponds coupon	99,945 500,000	- 1	an, & July.	10/0		Oregon—State Bonds (Relief and Bounty)	2,400,000 218,674	6 7		1886 1875
ntuaky—State Bonds	901,000 1,421 000	6 J	an. & July.	18-71 i	01	Pennsylvania—State Bondseoupon	4,998,000 5,083,052	5	Various.	77-82 92 68-70 100
84 85	415,000 263,000	6 1	ay & Nov.	1870		-Inclined Plane Bonds	400,000 92,850	6		1879
Military Bonds	696,000	6	various.	95 "		" 2d series	99,480 720,988	5	4 4	1882
" (Reilroads) " " (Behools, &c.).	2,928,000	6	reb. & Aug. '(39-99	724	ii _ ii lst series	4,907,150	6	16 44	1877 102
" 4 % (LOV:04)	1,000,000	6 3		1886	68	u _ u 8d series	7,909,620 9,270,017		u	1892 106
ine-Mass Land Debt of '68	892,800 150,000	5		16-87 17-72	- 11	Phode Telend State Was Ronds of 1881	2,000,000 468,500	6	April & Oct.	1871 100 1871 100
Civil Loans of 1865-561-561-561	174,090 171 000	6 1	dar. & Sept. "	77-74 °		# _ # # # 1862 # _ # # 1868	1,196,000	6	Mar. & Sept.	1882 100 1883 100
-War Loan of 1861 "	200,000	6 1	H C	1871	00	4 4 1868	776,000 917,000	6 4	Jan & July.	1894 100
T can of 1869	475,000 2,882,500	6 1	eb. & Aug.	1880	00	South Carolina—Free Loan Bonds	798,898	5	Feb. & Aug. J. A. J. & O. Jan. & July	70 100
-Bounty Roan of 1864	315,000	8 1	. A. J & O.	1890	95	" (new)	1,210,808	B I.		1949
" " " (Balt and Ohio R.R.)	24,000	6	66 46	1880		rennessee -Btate Bonds	1,949,430 289,167	5	6 6	Var.
a (C. and O. Can.) steri.	1,405,607	5	- 66	1889 1889		-Railread, &c., Loan Bonds	14,006,000	6 4	an & July	1868 0 yrs. 68
(B. & O. R.R.) cerl.	159,974 8,277,389	8	a '8	0 100 "	96	endorsement	2,207,000	6	6 6 6	Var
(C. and O. Can.) is Ches. & Ohio Can.).	3,259,616	6	4	1890		Vermont-State War Bonds	1 587 500	6 3	une & Dec.	1-78 100 ong. 100
1 4 (Bath, den raq, la. lb.).	1,000,000	6		1870 1870	186	" (sterling new)	466,250	5 3	4 4 1	ong.
(Ches. & Ohio Can.)	80,000	6		1885	00	4 6 1	108,000 1,869,898	6	a	ong. 47
(Balt. & Susq. R.R.).	429,588	6 J	AAT - STEE	890		" - " lodr on s	1,379,000	8	46	876 57
General Statutes Loan	21,000 50,000 17,000	5		1870 -	-	" (")	490 200	1	4	890
- Funding Local	17 000	17	une & Dec.	910		Wisconsin-State Bond	405,100	13	am) & July 17	7.780

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate	When.	-Where.	Due.	Price.	. Description of Bonds.	Amount.	Rate.	When.	Payable. Where.	Due.	+
119 1 119 119		-	W nen.	W Here.	d	-	Camden and Burlington County:	0 10	-	W Hell.	Where.	-	-
irondack: st Mortgage	\$915,000	7	Jan. & July.	New York.	1886		1st Mortgage of 1867 for \$350 000	\$259,000	6	Feb. & Aug.	Philadelphia.	1897	
bama and Florida:	300,000	7	Jan. & July.	New York.	1867		Cape Cod Central: 1st Mortgage	125,000	6	A:	Boston.	18-	1
at Mortgage	550,000	7	44 46	et 41	1887		Cape May and Millville:			100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		dista.	T
Mortgage	300,000	7	April & Oct. Jan. & July.		1871 1876		1st Mortgage Catawissa:	200,000	7	- &	New York.	18-	1
lbany and Susquehauna:	met. II.			77 - 77 - 1	1		1st Mortgage	262,000	7	Feb. & Aug.	Philadelphia.	1882	1
let Mortgage	1,000,000	6	Jan. & July. May & Nov.	New York.	1893 1895		Cedar Falls and Minnesota: 1st Mort. (C. F. to Waver. 14 m.)	294,000	7	April & Oct.	New York.	1885	1
Albany City Loan			April & Oct.	H H	1885	80	1st Mort. (W. to Minn. L. 69 m.)	1,407,000	7	Jan. & July.	44 44	1887	4
legheny Valley:	398,000	7	April & Oct.	Pittsburg.	1891		Cedar Rapids and Missouri River: 1st Mortgage		7	- &	New York.	1916	1
st Mortgage (Extension)	4,000,000				1896		Central Branch Union Pacific:	1,600,000	6	May & Nov.	New York.	1895	
droscoggin: let Mortgage	415,000	6	June & Dec.	Portland.	1877		1st Mort. (Atchison & Pike's P.) 2d Mortgage Governm't subsidy.			Jan. & July.		1895	
huelot:			Jan. & July.	Keene.	1861	- 1	Central of Georgia:	4016	100	March & Sept.	Savannah.	1875	
st Mortgage						****	1st Mortgage Central of New Jersey:		100	Carl Services	comming Whitel	3.3986	
lst Mortgage (New York) lst Mortgage (Pennsylvania)	886,000 2,151,500		April & Oct.	London.	1879 1877		1st Mortgage2d Mortgage	900,000	7	May & Nov.	New York.	1870	9
lst Mortgage (Ohio)	3,740,900	7	u u	New York.	1876		Central Ohio:			7.7.7.676	a soud Pa source	ufl-cost	
lst Mortgage (Franklin Branch) lst Mortgage (Buffalo Extension)		7*	June & Dec. April & Oct.	London.	1882 1884		1st Mortgage Central Pacific of California:	2,500,000	6	March & Sept.	New York.	1890	B
lst Mortgage (Silver Creek Br.).	200,000	7*	March & Sept.		1884		1st Mortgage (on 725 m.) free			Jan. & July.	New York.	1896	
2d Mortgage (New York) 2d Mortgage (Pennsylvania)	761,000 757,500	7*	April & Oct.	New York. London.	1881 1882		2d Mortgage (paid by Cal.) Convertible bonds	1,500,000	7*	et 16		1885 1883	13
2d Mortgage (Ohio)		7*	Jan. & July.	- 66	1883		National Loan	15,000,000	6	44 : 11	1. Ha time 6	1895	ä
Consolidated Mortgage	17,105,000	7*	April & Oct.	ти	1895		Charleston and Savannah:	-200 House	1	March & Sept.	Charleston.	1877	B
1st Mortgage (S., A. & G. R. R.)	300,000		April & Oct.	Savannah.	18-		1st Mortgage (guar by S. Car.) Charlotte and South Carolina:		100,	195	Sort Date	* Node	S
1st Mort. (A. & G.R.R.No. 7 to T. 1st Mort. (A. & G. R.R. S., No. 7)			4 4	New York.	18— 18—		1st Mortgage for \$500,000 Cheraw and Darlington:	334,000	7	Jan. & July.	New York.	var.	-
lst mortgage (Bainbridge Ext)		7	41 64	u u	18-		1st Mortgage	150,000		- & -	Charleston.	1870	
Consol. Mort. (\$2,000,000) free		7	Jan. & July.	et et	1897	84	2d Mortgage	75,000	7	- 4 -	200,18 W. 1-15-15	1868	Ď
tlantic and St. Lawrence: Portland City Loan (skg fund).	1,500.000	6	Various.	B. & N. Y.	168-170		Cheshire: Company bonds	672,200	6	Jan. & July.	Boston.	75-18	80
d Mortgage	1,499,992	6	April & Oct.	Portland.	1866		Chester Valley:	1	1	The state of the state of	The same of the sa	Hold.	g
Sterling Loan	484,000	6"	May & Nov.	London.	1878		1st Mortgage	500,000	1	May & Nov.	Philadelphia.	1872	0.
boan of 1834	821,261	6	J. A. J. & O.	Baltimore.	1867		1st Mortgage, pref. sinking fund	402,000		May & Nov.	New York.	1877	ä
loan of 1855	894,250 602,000	6	Jan. & July.	E MALE IN	1875 1880	914	1st Mortgage Income bonds (2d Mortgage)	1,100,00	7	April & Oct	44 44	1893	ì
oan of 1853	1,744,500	6	April & Oct.	, (f	1885	901	Chicago, Burlington and Quincy:	1 1 1	1.00%	The residence	112211112011111	1000	
Softhwestern Va. R. R. 2d Mort	5,000,000		166	"	1890 1873		Trust Mortgage Trust Mortgage, convertible	3,078,00	8	Jan. & July	New York.	1883	ú
orthwestern Va. R. R. 3d Mort.	201,000		a a	u	1885		2d Mortgage	941,00	0 *4	July.	Frankfort.	1890	į,
y de Noquet and Marquette : st Mortgage	250,000	7	Jan. & July.	New York.	18-		Chicago, Cincinnati and Louisv.:	. 680,00	7	March & Sept	New York.	1890	
llefontaine:	19 19 0		6.1				1st Mortgage for \$1,000,000	400,00	0 7	Jan. & July	New York.	1887	
st Mortgage (B. and Ind. R.R.). d Mortgage	1,225,000 483,000		Jan. & July.	New York.	70-'90 1870		Chicago and Great Eastern: 1st Mortgage	treleve.	7	April & Oct	New York.	1895	0
llefonte and Snow Shoe:	1 1	10.			1	****	1st Mortgage (convertible)	5,600,00	0 7	4 4	4 4	1805	
st Mortgagelvidere Delaware:	99,000	6	Jan. & July.	Philadelphia.	18—		Chicago, Iowa and Nebraska: 1st Mortgage	1,110,00	0 7	-	New York.	1881	2
st Mortgage (guar. by C. & A.)	1,000,000	6	June & Dec.	New York.	1867		Chicago and Milwaukee , (45 m'ls)	: " 6			and Bordton	1545110	
d Mortgage (guar, by C. & A.	500,000	6	March & Sept. Feb. & Ang.	Princeton.	1885 1877	80± 80	1st Mortgage (C. and N. W.)	27 00			New York.	1874	2
d Mortgage (guar. by C. & A.)	140,000			COLD WAY OF		00	3d Mortgage (" ") Chicago and Northwestern:	Sept. 1		CHILLIANDE	ALL THE PARTY.	10163	
st Mortgage of \$2,500,000 ston, Clinton and Fitchburg:	204,000	7	Jan. & July.	Charleston.	1884		Pref. sinking fund b'ds (193 m.) Funded Coupons	. 1,249,50 . 755,00		May & Nov		1885	
st Mort, (Agricultural Br. R.R.	100,000		Jan. & July.	Northboro'.	1875	1	General 1st Mortgage	3,595,50	0 7	Feb. & Aug	46 46	1885	Ú
st Mortgage (B., C. and F. R.R., ston, Concord and Montreal:	300,000	6	" "	Boston.	1886		1st Mortgage, Appleton Ext 1st Mortgage, Green Bay Ext	. 184,00		4 4	46 46	1885	
st Mort. (Conc. to War. 71 m.). d Mort. conv. (1st M. on 22 m.	200,000		Feb. & Aug.	New York.	1865	943	Equipment Bonds	. 133,00	0 7	April & Oct		1874	ì
U MOTE CONV. Clat Al on 991 m	950.000			New York.	1870 1870		Mississippi River Bridge Bonds Elgin and State L. purchase b'd	200,00 8 189,00				1884	ğ
mking Fund Mortgage	500,000			Boston.	1889	90	Consolidated sinking fund bond	8 3,422,00	0 7		bolton's offer	1915	i
ston, Hartford and Erie:				A SECUTION		00	Equipment Bonds	. 1,925,00	0 10	May & Nov	D:4003 (6mg	168-77	
	3,900,000		Jan. & July		1884 1899	83 61‡	2d Mort. (Gal. & Chic. U. R. R.	1,029,00		May & Nov	4 1 de 1	1882	
ston and Lowell: company bonds (no mortgage)				Acres II de l'an			1st Mortgage (Peninsula R.R.).	. 1,075,00	0 7	March & Sept	. 4 4	1893	'n
ompany bonds (no mortgage)	200,000		Jan. & July April & Oct	Boston.	1873 1879	985	1st Mort. (Chi, & Mil. R.W. 85 m 1st Mortgage (Beloit & Mad. R.	1,098,00 372,00		Jan. & July	Harden & D	1898	
ston and Providence:	304,600	6	ii u		1887		1st Mortgage (Beloit & Mad. R. Chicago, Rock Island and Pacific	1 000 00	Acc	Ton & Tale	Non Wash	36.00	
Company bonds (no mortgage) ffalo, Bradford and Pittsburg:	94.386	2 6	April & Oet	Boston.	68-77	7	1st Mortgage (C. & R. I. R.R.). 1st Mort. (C., R. I. and P. R. R.	. 1,397,00 6,699,00			. New York.	1870 1896	
	- W 7 D	1	1		1.74		Cin. & Chie. A.L.(C.C.&I.C.R.B.):		200	Now Val	Medicin	ř
	589,000	1 8	Jan. & July	New York.	1886		1st Mortgage Sinking Fund		: 7	Feb. & Aug May & Nov	New York.	1890	
st Mortgage (B., C. & P. of Pa. st Mort. (Buff. & O.C. Cross-cut	100,000	7		Pittsburg.	18-		Cincinnati, Dayton and Eastern:	State Line	100	THE PERSON A	CERTA CARDALLA	ration a	h
		7	4 4	New York.	18-		1st Mortgage Cincinnati, Hamilton and Dayton	465,00	0 7	Feb. & Aug	New York.	1896	
o. bonds (Buff. and State Line bo. bonds (Buff. and State Line	400,000	7	June & Dec	New York.	1870		2d Mortgage (1st Mort, paid)	1.250.00					
O. Donds (Buff and State Tine	000,000	7	May & Nov Jan. & July		1873 1882		3d Mortgage	. 500,00	8	Jan. & July	sent Titel Trees	1885	
o. bonds (Erie and Northeast) falo, New York and Erie:	300,000	7		a a	1886		1st Mortgage	2,000.00	0 7	- 4	New York.	1895	į
	2,000,000	0 7	June & Dec	New York.	1877	88	Cincinnati and Indianapolis June	1,200,00	0 7		New York.	1888	i
i Mortgage lington and Missouri River:	380,000	0 7	May & Nov	" " "	1872	824	1st Mortgage Cincinnati and Martinsville:	. 1,200,00		B. Sommer	· · · · · · · · · · · · · · · · · · ·	shace	Ħ
and Grant Mortgage	1,800,000	0 -	April & Oct	New York.	1893	1	1st Mort. (guar. by I. C. & Laf Cincinnati, Richmond & Chicago	400,00	0 7	4	New York.	1895	
eneral Mortgage Insecured bds con. into pref. stk				11 11	1870	87	1st Mortgage	560,00	0 7	- & -	New York.	1895	í
Insecured bide con. into pref. stk		0 8		. 4 4	1878	102	Cincinnati and Zanesville:	1 200 00	99	May & Nov	A least trap. I be	145000	id)
		1.		the M L	1870		1st Mortgage Cleveland, Columbus and Cinc.:	. 1,300,00			**************************************	1893	6
terling Bonds, skg fund £380,550 oan for \$500,000	1,841,86	2 5	* Jan. & July	London.	1880		1st Mortgage Cleveland and Mahoning:	. 425,00	0 7	Jan. & July	. New York.	168-1	-
oan for \$500,000	338,040	0 6		New York.	1867 1870	97	1st Mortgage	850.00	0 7	Feb. & Aug	New York.	1878	í
oan for \$1,700.000	675,000	0 6	66 66		1875	90	2d Mortgage Hubbard Branch, 1st Mortgage	. 587,00	0 8	March & Sept		1876	3
oan for \$675,000	1,700,000	0 6	Feb. & Aug May & Nov	4 4	1883 1889	86	Hubbard Branch, 1st Mortgage Cleveland and Pittsburg:	105,60	7	Jan. & July	dealing of ban	1881	
VIENTE MOTTGAGE for \$5 000 000	4.437.300	0 6	June & Dec	. 4 4	1889	98	2d Mortgage (or 1st Extension). 3d Mortgage (or 2d Extension). 4th Mortgage (or 3d Extension). Consql. S. F. Mort. (\$5,000,000).	1,130,00	0 7	March & Sep May & Nor Jan. & July	t. New York.	1973	
mden and Atlantic: Mortgage.	1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	100	Andread Strategies									1875	

An Asterick (*) affixed to rate of interest signifies " Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest I	ayable.	9.	Price	Description of Bonds.	Amount.	5	Interest	rayable.	Due
Description of Donas.	Milounes	Ra	When.	Where.	Da	F	- January Communication of the		NA.	4 When.	Where.	A
veland, Painesv. and Ashta.:			= VIII LOD	something of	d list		Erie:				120	E COURT
st Mortgage	1,000,000	7	Jan. & July.	New York.	1874	911	1st Mortgage	4,000,000	7	May & Nov. March & Sept.	New York.	1877
Mortgage			April & Oct.	H - H	1888	92	8d Mortgage	6,000,000	7	4 . 4		188
reland and Toledo:	1			ensering falls	- Park	-	4th Mortgage	4,441,000	7	April & Oct.		188
Mort, (June. R. R. 1st Div.)	. 27,000 126,000		April & Oct.	New York.	1867 1882	*5**	Buffalo Branch Bonds	926,500 186,400		June & Dec. Jan. & Ally.		188 189
t Mort. (Junc. R. R. 2d Div.). t Mortgage (Clev. and Tol.).			April & Oct.	4 4	1886		Sterling Loan £800,000	4,844,400		March & Sept.	London.	487
at Mortgage S. F. (Clev. & Tol			Jan. & July.	4 4	1885	99	Sterling Loan £800,000 Erie and Pittaburg:	12111	100	White	DL (1-2-1-1)	111
umbia and Augusta: at Mortgage for \$1,000,000	650 000	7	Jan. & July.	New York.	1888		1st Mortgage			Jan. & July.	Philadelphia.	188
dumbus, Chicago & Ind. Cent			our ce bull.	21011 2 0141	100	****	Evansville and Crawfordsville:			11111111111	a artist t	0
Trust Mort. S. F. for \$15,000,00	h	7	April & Oct.	New York.	1908	824	1st Mortgage of 1852	850,000	7	Jan. & July.	New York.	186
lat Mortgage	. 8,200,000	7	May & Nov.	New York.	1904	844	1st Mortgage of 1854	740,000	7	Feb. & Aug.		180 188
2d Mortgage	816,000		4 4	4 4	18		Fall River, Warren & Providence :					tal
Income Bonds	. 1,500,000	7	" "		18-		lat Mortgage	200,000	7	-	Providence.	18-
olumbus and Xenia: 1st Mortgage for \$500,000	248,000	7	March & Sept.	Columbus.	1890		Flemington:	100,000			Princeton,	18-
properticut and Passumpsis Riv.	:1		and a cope		1000		1st Mortgage, guaranteed			11.01	1 1 1 1 1 1 1 1	100
lat Mortgage for \$800,000	. 573,800	6	June & Dec.	Boston.	1876	88	1st Morigage	815,000	7	- 4	New York.	18-
onnecticut River:	250,000		March & Sept.	Boston.	1878	98		1,919,000	7	Feb. & Aug.	New York.	188
onnecting:	200,000	000	ment cu ce pope.			1	2d Mortgage. Mississippi Bridge. Grand Rapids and Indiana:	1,029,000	7	May & Nov.	4 4	187
1st Mortgage guaranteed	. 1,000,000		Jan. & July.	Philadelphia.	1896	80	Mississippi Bridge	200,000	-	Jan. & July.	1000 .	184
ouncil Bluffs and St. Joseph:	X00 000		Ton & Tule	New York.	1887	1	Ist Mortgage	167,000		Jan. & July.	New York.	188
ist Mortgage umberland Coal and Iron:	. 800,000	7	Jan. & July.	TION TOIR			Grand River Valley:	201,000	w.	- outy.	2000 2012	100
Bonds of Nov., 1852	. 397,000	6	Jan. & July.	New York.	1869		1st Mortgage, guaranteed Grand Trunk (Ca.):	100,000		Jan. & July.	New York.	18-
Bonds of Feb., 1864	89,000		Feb. & Aug.		1869		Grand Trunk (Ca.): 1st Preference Bonds	12,578,661		Jan & July.	London.	18-
Bonds of Nov., 1852 Bonds of Feb., 1864 Bonds of July, 1867 umberland and Pennsylvania:	98,000			all the State	7911		2d Preference Bonds				a.abiidoik	18-
lat Mortgage for \$1,000,000	. 896,000	6	March & Sept.	New York.	1891		8d Preference Stock	8,414,094	4.		1	18-
umberland Valley:			Amell & Oat	Philadelphia.	1904	1	Ath Preference Stock	26,592,500	4	April & Oct.		18-
1st Mortgage 2d Mortgage	100 500		April & Oct.	66	1904		Postal and Military bonds	5,840.000	Wal	Feb. & Aug.	a must be be	18
Company's Bends	85,300			Harrisburg.	18-		Great Western of Canada:		1	and moreon		
anbury and Norwalk:		-	Jan. & July.	New York.	170-180		Mortgage Bonds £615,200	2,782,387		= : =	London.	78
1st Mortgageayton and Michigan:	100,000	1	Jan. a duly.	Tion Tolk	100		Mortgage Bonds £547,000	3,652,950	151		a a	177
1st Mortgage	- 283,000		Jan. & July.	New York.	1867		Stock Debentures £46,700	226,500		4		in
2d Mortgage	2,589,000		March & Cant		1881		Great Western of Illinois:	1,000	1.	Anell & Oct	New York.	18
3d Mortgage Teledo Depot Bonds	169,500		March & Sept.		181-19	4	1st Mortgage (W. Div.)	45.00	7 10	April & Oct	H H	18
ayton and Union:	100,000	1.	1	- PERMIT	1	7	1st Mortgage (General)	2,500,00	0 7	86 46		18
1st Mortgage, registered	149,000		March & Sept.	New York.	1879		2d Mortgage	1,500,00	0 7	May & Nov	and the state of	18
2d Mortgage Income Bonds	135,000 251,000		June & Dec.		1879 '79 af	1	Greenville and Columbia: State guaranteed bonds	850,00	0 6	Jan. & July	Charleston.	18
ayton and Western:	202,000	10			1		1st Mortgage			H #	New York.	
1st Mortgage				New York.	1882		Hannibal and St. Joseph:		1.	Ton & Yola	W	1.
2d Mortgage	463,00	0 6	June & Dec.	-			State Loan of 1851	. 1,500,00			New York.	18
1st Mortgage	. \$00,00	0 6	Jan. & July.	Philadelphia	1875	90	Land Mort. of 1868 for \$3,400,00	0 2,300,00	0 7			18
Guaranteed Bonds	100,00	0 6	4 16		1875		Convertible bonds of 1863	. 800,00		Jan. & July		18
State Loan. Slaware, Lackawan, & Wester	170,00	0 6		denote of his to	1876		Six year bonds of 1865 Harrisburg and Lancaster:	. 1,000,00	10	1000		18
1st Mort. (L. & W.) for \$900,00	564,00	0 7	Jan. & July.	New York.	1871	96	1st Mortgage, guaranteed	. 700,00	0 6	Jan. & July	Philadelphia	18
1st Mort. (East. Ext.) \$1,000,00	1,111,00	0 7	April & Oct.	66 W	1875	98	1st Mortgage, guaranteed Hartford and New Haven:				Table 1 / Co	-
2d Mort. (General) for \$2,600,0	0. 1,638,00	0 7	March & Sept.	are authority	1881	91	1st Mortgage		0	Jan. & July	New York.	. 18
les Moines Valley: 1st Mortgage (on 164 miles)	2,310,00	0 8	April & Oct.	New York.	1877	1	1st Mort. (R. Island 26.82 m.)	481.00	0 7	Jan. & July	. Hartford.	18
Income Bonds	462,00			66 66	1884		1st Mort. (Connecticut \$6.04 m.	1,574,50	0 7			11
Detroit and Milwaukee:	2,500,00		May & Nov.	New York.	1878		Hempfield: 1st Mortgage	. \$00,00	۸ .	Jan. & July	Philadelphia	. 18
1st Mortgage, convertible	1.000.00			K K	1884		Housatonic:			our would	. A maderpus	-
1st Mortgage Funded Coupons	628,52	5 7	Jan. & July.		1875		1st Mortgage	. 191,00		Jan. & July	. Bridgeport	. 18
2d Mortgage Funded Coupons	377.11	5 7	May & Nov.		1875		2d Mortgage Houston and Texas Central:	96,00	0 7			18
Bonds of June 30, 1866, (cond) Detroit, Mon. & Tol. (M.S. & N.	1,037,78	7	************	100	1886	1	Texas State Loan, sinking fund	432.00	0 0	April & Oc	New York	. 0
1st Mortgage	924.00	0 7	Feb. & Aug.	New York.	1876		lat Mortgage	. 1,260,00		Jan. & July		11
Detroit and Pontiac (Detr. & Mi	.):		11 11 11	administration a		1	Land Mort. S. F. (\$20,000 p. m.)					11
1st Mortgage			Jan. & July. Feb. & Aug.	New York.	1878		Hudson River:	110,00	0	Feb. & Au	New York	11
Subuque and Sioux City:				F-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	-		1st Mortgage	. 1,954,00	10			11
1st Mortgage (1st Division)	300,00		Jan. & July	New York.		90	1st Mortgage	1,930,00	10 7			18
1st Mortgage (construction) Sinking Fund (convertible)	1,000,00		May & Nov		1894 1888		2d Mortgage, sinking fund 3d Mortgage	188,00			Co .	11
Dubuque Southwestern:	100.7			100000000000000000000000000000000000000			Huntington and Broad Top Mt.:	1	1			
1st Mortgage, preferred	100,00	00	Jan. & July	New York			1st Mortgage	416,00			t. Philadelphi	a. 1
2d Morigage, ordinary Lat Brandywine & Waynesbo	450,00	1		- en aver E	1895		2d Mortgage	728,24	15	April & Oc		. 1
1st Mortgage	168,0	00	Feb. & Aug	Philadelphia	1882		Illinois Centrak		7			
Eastern:	10.8 1	14			3/ 1	1	Construction	8,955,00		April & Oc	t. New York	. 1
State Loan (1st Lien) 2d Mortgage, (convert. sterling	420.0	00	J. A. J. & O	Boston. London.	1872		Construction	2,500,5	90			1
2d Mortgage, convertible	739.0	00	Feb. & Aug	Boston.	1874	94	Redemption, sterling	2,424,5			London.	i
1st Mortgage, (Essex Railroad	214,4	00	Jan. & July	. 4	1876		Illinois and Southern Iowa:	- 1		1	WHITE BAND AT THE	
Bonds	100,0	00	April & Oct	David	1885	92	Indianapolis, Cin. and Lafayette	800,0		7 Feb. Au	g. New York	. 1
1st Mortgage, Sinking Fund .	574,9	00	April & Oc	Philadelphi	a. 1888		1st Mortgage (Ind. and Cin.) .	\$00,0	00	Jan. & Jul	New York	. 1
hat Tennessee and Georgia:	1				11	1	Indianapolis and Madison:	12.0	1		THE PERSON NAMED IN	
Tennessee Loan (old) Tennessee Loan (1866)	1,087,0		Jan. & July	New York		1444	1st Mortgage	612,0	00	May & No	v. New York	. 1
Mortgage (old)			6 4 11		1898		Jackson, Lansing and Saginaw:	1,495,0	00	8 Jan. & Jul	y. New York	. 1
Mortgage (new)	124,9		7 4 4	H 46	1880		Jeffersonville (J. M. & I.):		-	1	1267 119 36	
Bast Tennessee and Virginia:					1000	1	1st Mortgage	. 397,0	00	7 March & Sep	t. New York	. 1
Tennessee Loan (old) Tennessee Loan (1866)	1,599,0		6 Jan. & July	New York	1888		Toffamonville Madison & Indian			7 April & Oc	t	1
Tennessee endorsed bonds	185,0		6 4 4	4	18-		1st Mortgage	1,980,0	00	7 April & Oc	t. New York	. 1
Bigefield and Kentucky:							Louisville Loan (endossement)	150,0				1
Tennessee Loan	870,0	00	6 Jan. & July	New York	. 18-		Joliet and Chicago:	A 15 10 1	2	Ton A Y	W- V-	c. 1
1st Mortgage	1,050,0	00	7 Jan. & July	Philadelphi	1880	90	1st Mortgage, guaranteed, S. F Joliet and Northern Indiana:	800,0	00	8 Jan. & Jul	Ext. (Skingstrill)	911
1st Mortgage	570,0		6 April & Oc	San San Land	1872		1st Martgage, guaranteed	800,0	00	1 Jan. & Jul	y. New York	. 1
			The state of the s	- B. C. C. C.	1000	-	Innetion Philadelphia	THE REAL PROPERTY.	COLUMN !			1

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	ate.		Interest 1	rayable.	no.	Price.	Description of Bonds.	Amount.	100	Interest	Payable.	4	1
100	-	R	W	hen.	Where.	Ã	P	- Downpaled to Domas	-Linduig.	Rate	When,	Where.	De	1
ntucky Central:	4100 000		214		er-energe	71.00	1 3	Mississippi and Tennessee:				1.000	1019 (4)	-
st Mort. (Covington & Lexing.)	\$128,000 844,000	7		&	New York.	1872 1882		1st Mortgage	\$600,000 850,000	7	April & Oct.	New York.	1876	1:
d Mortgage (do.)	236,000		-	&	4 4	1885		Tennessee State Loan	317,800	6	4		1892	
kuk and St. Paul: t Mortgage, sinking fund, conv.	400,000	8	May	Nov.	New York.	1887	10.20	Mobile and Girard:	\$250,000	19727	166 AC008	and the Mone	18-	ŀ
come	100,000		4		" H	1887	****	1st Mortgage Bonds	4200,000	0	Con Control	13593 551093	2000	ľ
enn. State Loan	450,000		Jan 4	k July.	New York	1000	OF 1	1st Mortgage, Sterling } 1st Mortgage, Sterling } Tennessee Loans	4,593,000	6*	May & Nov	London. Mobile.	1882	ŀ
exville and Kentucky:			Jan. e	ouly.	New York.	1898	****	Tennessee Loans	1,669,800	6	Jan. & July	New York.	1891	Į.
enn. State Loan (old) enn. State Loan (new)	1,310,000		Jan.	k July.	New York.	1890		Income of '61, '62, '65 and '67	388,900	8	May & Nov	Mobile.	1867	١
kawanna and Bloomsburg:		0		1		1898	****	Liquidation (10 year) bonds Interest bonds	556,421 697,900	8	4 4	New York. Mobile.	1876	1
t Mortgage (Extension)		7	Jan.	L July.	New York.	1875		Montgomery and Eufala:	- 115	SOrt.	34.4	·····································		١
Mortgage		7	Anril	& Oct.	Philadelphia.	1885		1st Mortgage, endorsed by Ala Montgomery and West Point:	129,000	8	March & Sept	New York.	1886	i
Mortgage (Extension)		7	May	& Nov.	- 4	1890		Income Bonds	100,000		Jan. & July	New York.	1870	į
is Mortgage for \$1,600,000	500,000	7	Jan.	& July.	New York.	1893		Income Bonds	306,900		Car do		1870	
igh and Lackawanna			-	1		P. A.F. T.		Morris and Essex:	rold h	1			To de	
t Mortgage (tax free) ington and Frankfort:	200,000	7	Feb.	& Aug.	Philadelphia.	1897		1st Mortgage, Sinking Fund	5,000,000		Feb. & Aug	New York.	1914	
t Mortgage	44,000	6	Jan.	& July.	Lexington.	109-174		2d Mortgage: Nashville and Chattanooga:	8,000,000	1	Bar . Yal	Franklik Skelle	1007	
nigh Valley : st Mort. (exchangeable for new					A CHIEF THE	100		1st Mortgage, endorsed by Tenn Tenn. State Loan	1,500,000		Jan. & July	New York.	18-	
lew Mortgage, free of taxes			June	& Nov.	Philadelphia.	1873	95	Tenn. State Loan	150,000		10		18-	
le Miami:					O London	100	-04	Nashville and Decatur:	1			I tentification of the	(中共)	į
Mortgage	1,489,000		May	& Nov.	New York. Cincinnati,	1883		Tenn. State Loan			Jan. & July	New York.	1870	1
tle Schuylkill:		1			CONTRACTOR PICTOR	A TOUR		Nashville and Northwestern:	1	1	100	2:065	(N 55)	J
st Mortgage, sinking fund	847,500	7	April	& Oct.	Philadelphia	1877	99	Tenn. State Loan	2,672,000		Jan. & July	New York.	188-19	
st Mortgage	500,000	6	Jan.	& July.	New York.	1870	95	2d Mortgage Naugatuck:	792,05	6	405 1 11111	· · · · · · · · · · · · · · · · · · ·	771-'8	•
funter's Point Extension	175,000	7	Feb.	& Aug.	4 . 4	1890		1st Mortgage, Convertible Newark and New York:	. 246,00	0 7	Jan. & Jul	Bridgeport.	1876	
lien Cove Branch	150,000	6	May	& Nov.	4 4	1893		Newark and New York:	600.00	0	44	New York	18-	
st Mortgage for \$3,000,000	2,116,000	7	Jan.	& July.	New York.	1897		1st Mortgage New Bedford and Taunton:	. 000,00		12	New York.	10000	
t Mortgage	108,000		1	113/100	1412/01/01/2019	of Carlot	1	1st Mortgage New Brunswick and Canada:	174,00	0 6	Jan. & Jul	Boston.	1881	
t Mortgage	100,000		Jan.	& July.	New York.	1881	8	1st Mortgage, Sterling £220,000.	1,100,00	0 6	May & No	London.	1867	
		1	1	portin W	0 (1)	A Comment		1st Mortgage, Sterling £220,000. Newcastle and Beaver Valley:			100	14/18	To John	
st Mortgage, Main Stem st Mortgage, Memphis Branch st Mortgage, Bardstown Branc st Mort, Lebanon Branch Ext	- 1,515,000 - 267,000			& July. & Nov.	New York.	169-17	7	1st Mortgage for \$150,000 2d Mortgage for \$100,000	125,00		May & No March & Ser		1882	
t Mortgage, Bardstown Branc	27,500	7		& July.	4 4	1870	5	New Haven and Northampton:			march et Sel		rott	
st Mort. Lebanon Branch Ext ouisville Loan, Main Stem	600,000	7	May	& Nov.		380-18	5	1st Mortgage	450,00			y. New Haven		
ouisville Loan, Lebanon Br	- 849,000 - 225,000			& Oct.		1886	7	1st Mort. (Hamps. & Hampd.).	200,00	0 0	April & O	to the Albert	1874	
ouisville Loan, Leb. Br. Ext	- 600,000			& Oct.		1893		New Jersey: Company Bonds (var. issues)	. 850,00	0 6	Feb. & Au	g. New York.	178-1	į
consolid. 1st mort. for \$3,000,000 asville, N. Albany & Chicago	0	7	1 2		44	1898		New London Northern:	25	10		1 - 1 - 1 - 1 - 1 - 1 1 1 1 1	ALC: T	
st Mort., New Albany & Saler con and Brunswick:	2,235,000	6	-	4 -	New York.	18-		1st Mortgage Extension	370,00	0 7		y. New London	1886	
con and Brunswick:		1	1	Distanti	PARTITION TO	10		1st Mortgage, Extension N. Orleans, Jackson & Gt. North	h.:		1	Called Minnings	MA ST	
st Mort. endorsed by Georgia. Minnville and Manchester:	160,000	7	Jan.	& July.	New York.	1887		1st Mortgage for \$3,000,000	2,741,00		Jan. & Ju	y. New York.	1886	
enn. State Loan	772,000	0	Jan.	& July.	New York.			N. Orleans, Opelousas & Gt. Wt.	n: 1,019,00	"	- 1	nego the driefer	road	l
hanoy and Broad Mountain: st Mortgage	050.000	1	100	4 11 12 11	NOT SHOW THE	100		1st Mort, construction (80 m.)	1,903,00				1889	
ine Central:	1	6	Jan.	& July.	Philadelphia	1884		2d Mort. (F.) for \$1,000,000 (80m New York Central:	40,00	00 8	Jan. & Ju	y amu less of	1887	ĺ
1,100,000 Loan	- 1,095,000			& Aug.		90-19	1	Premium, Sinking Fund Bond	s. 6,189,98			v New York.	1883	
400,000 LoanBangor City Loan	660,000			& Dec.	- 46	'70-'7		Funding, Sinking Fund Bonds. Bonds for B. & N. Falls R.B.C.	0. 1,514,00	00		g.	1876	
M Mort. (Penob. & Ken. R. R	300,000			& Oct		1874 1870		Bonds for railroad stocks	594,00	10 6	may as 140	Transier	1883 1883	į
rietta and Cincinnati:	0.000.00		1	_	1000	1/3-		Bonds for real estate	165,00	10			1883	
a Mortgage, Sterling	1.000.000			& Aug		1892 1892	874	Bonds and mortgages	176,86	0	Feb. & Ar		1876	
d Mortgage	520,00	0 7		& Nov	London. Baltimore.		72	Renewal bonds of 1868				C	1887	
mphis and Charleston:	300,00	0 7	"	44		1896		New York and Flushing:		1		New York	190	
Tenn. State Loan	1,595,53	0 6	Jan.	& July	New York	1890	1	New York and Harlem:	1		100000	THE PROPERTY OF	the Parties	ĺ
at Mortgage, Convertible	1 202 00	0 7	May	& Nov	. 4 4	1880	85	1st Mortgage of 1853	3,000,00		May & No			
d Mortgage. mphis, Clarkesville & Louisv	1,000,00	7	Jan.	& July		1885		Consolidated mortgage of 1863. New York and New Haven:	1,797,00	,	Feb. & A	Those bon	1863	
enn. State Loan	1,582,00	0 6	Jan.	& July	New York	1890	76	1st Mortgage	1,068,50	00	April & O	ct. New York.	1875	į
mphis and Little Bock : enn. State, endorsements	445,00				- 100 Count #154			New York, Providence & Boston	1:	100	September 1	-0 to 30, 40 ptim	178-7	
lortgage (road and land)	600,00			& July		1890 1890		1st Mortgage Improvement Bonds	100,0	00	Jan. & Ju	y. * *	1881	
chigan Central: st Mortgage, sterling		1	-		the state of the state of		1	Extension Bonds	250,00		May & No	V.	1882	
st Mortgage, sterling, convertib	le 500 00	0 0	Jan.	& July	London.	1872 1869		Norfolk and Petersburg:	297,7	50	Jan. & Ju	v. New Yerk.	185-	,
Mortgage, dollars, convertib	le 1,777,00	9 6			New York		113	1st Mortgage	328,0	00	8 "	- V (100 0 0	65-	,
t Mortgage, dollars, convertib	293,00 re 4 231 50	0 8	Apri	l & Oct	1 .	1882		2d Mortgage for \$300,000 North Eastern:	6,0	00	- cont	Norfolk.	1869	
chigan Southern & North. Inc	1: 0	1	"		War with	1882	119	1st Mortgage	700,0	00	March & Se	pt. Charleston.	1869	į
st Mortgage, Sinking Fund d Mortgage				& Nov			994	2d Mortgage for \$300,000	145,0	00	7 "	100	1868	
toshen Air Line Mortgage	827 00		Feb.	- 44	4 4	1877	98	Interest Certificates North Missouri:	228,0	00	Jan. & Ju	Y-	1875	
etroit, Mouroe & Toledo Mor flin and Centre County:	rt. 924,00		7 Feb.	Aug	44 44	1868 1876	91	1st Mortgage for \$6,000,000	3,000,0	00	Jan. & Ju	ly. New York.	1898	J
t Mortgage	145.00				DE T. T.	11/1/10	5	North Pennsylvania:	110000		Jan. & Ju	y. Philadelphia	Liens	į
		1	6 Apri	n ee Oci	Philadelphi	a. 1885		1st Mortgage	377,3	65 1	o April & O		1880 1887	
d Mortgage, (C. & N. W. R. V d Mortgage, ("	182,00			& July				2d Mortgage	274,6	00	7 - 4 -	THE RESERVE THE PERSON NAMED IN	18-	
wankee and Prairie du Chie	10,00	U		& Dec		1898		Month Chang N 1 °	110,2	00	7 - 4 -	New York	18-	į
Mortgage	390,50	00	7 Jan.	& July	New York	. 1891		Northern Central:	The said of			4 3 3 1 1 1 1 1 1	11 22 1	
Mortgage 370 miles				100	Paladini),	Fell Res		1st Mortgage, Sinking Fund	1,223,0	00	6 J. A. J. &	O. Baltimore.		
OFLGAGE				& July				2d Mortgage, Sinking Fund 3d Mortgage, Sinking Fund Consol. 2d Mort. for \$6,000,000	2,500,0 1,064,5		6 Jan. & Ju 6 April & C	ly.	1886	
Mortgage (P. du C.) Mortgage (P du C.) to Mortgage (P du Minn. Di	3,582,00	00		l & Oc		1884		Consol. 2d Mort. for \$6,000,000	952,0	00	6* Jan. & Ju	ly.	1900	
et Mort. (Iowa and Minn. Di	739,00	100	7.3		. 4 4	18-	91	Northern New Hampshire:	Dale Land		10 1 1 1 1	the sufficiency with	3 133	
nnesota Valley:	2,000,00	~	7 Jan.	& July		18-	87	Northern New Jersey:	145,0	50	6 April & C	et. Boston.	1874	1
innsecta Valley: ist Mortgage \$6,000 per mile ississippi Central: ist Mortgage,	100,00	00	7 Jan.	& July	New York	1896		1st Mortgage	300,0	00	7 Jan. & Ju	ly. New York	18-	ļ
at Mortgage,	1,246,00	2	- Was	A. No.	No. Was	4 1000	80	North Western Virginia:	1 10	45		Baltimore	1	
d Mertgage Cenn. State Loan	1.517.00	00	7 May	& No	New York	18-			0.) 493.0	000	a Jan. & Ji	ly.	1973	
	1,078,9	26		& July	. 4 4	1894	1 40	0.4 Wastering (R & O R R C	A SE 000 C	Inn	AND AND PROPERTY	Allen Gerand	189	

An Asterick (*) affixed to rate of interest signifies "Payable in Coln."

Description of Bonds.	Amount.	Rate.			Payable.	ne.	Price	Description of Bonds.	Amo u	Rate.			Payable,	Due.	
4 (4) 4 (7 4)	1-11-	R	W	hen.	Where.	A	A.			18	W	hen.	Where.	-	_
orth Carolina : Equipment Bonds of 1857	\$339,000	8	March	& Sent	Office, N. Car.	1867		Providence, Warren and Bristol: 1st Mortgage	\$100,000	8	March	& Sept.	Providence.	1872	,
New Loan for \$800,000		8	44	a pope	4.	1887		2d Mortgage	50,000			& Dec.		1877	
densburg and Lake Champlain: 1st Mort, conv. into pref. stock	985,000	7	Jan.	July	Boston.	1870	100	Quincy and Toledo: 1st Mortgage	500,000	7	May &	E Nov.	New York.	1890	
	300,000		66	6.	44	169-178	1014	Raritan and Delaware Bay:							
Equipment Bonds ito and Mississippi: lat Mortgage, E. Div. st Mortgage, W. Div. 2d Mortgage, W. Div. Income, W. Div.	2,050,000	7	Jan.	July	New York.	1872	94	1st Mortgage, S. F. (68 m.) 2d Mortgage	1,000,000 250,000		46	& Sept.	44 44	1888	
st Mortgage, W. Div	850,000	7	44	"	66 66	1872		Equipment Bonds, convertible	208,000	7	41	E.	44 46	1876	
Income, W. Div	750,000 221,500			& Oct.	4 4	1874	****	Tom's River Br. 1st Mort Reading and Columbia:	74,800	1		£	Personal Park	18-	•
"OHNORIGATION MEDLE" TOL \$0,000,000		7	Jan. d			1898	841	1st Mortgage	650,000			& Sept.			
1 Colony and Newport:	1,458,000	6	April	& Oct.	Boston.	75-76	94	2d Mortgage Rensselaer and Saratoga:	350,000	7	oune	a Dec.	Total State	1884	è
Company Bonds	32,000			& Sept.		1884	863	1st Mortgage (R. & S.)	150,000 400,000	7		& Sept.		1873 1886	
ange, Alexandria & Manassas:	1,388,000			1211	1 - 3 - 3	1011	101	1st Mortgage (Sar. & Whitehall) 1st Mort. (Troy, Salem & Rutl.)	500,000	7	May d	Nov.	4 4	1890	1
st Mort. (Alex. to Gordonsville)	400,000 1,130,500		May &			1873 1875	80	2d Mortgage (R. & S.)	450,000	7	Jan. d	July.	. III 66	180-1	7
i Mort. "	573,500	8	May d	Nov.	Richmond.	1875	80	Virginia State Loan	600,000	6	Jan. d	July.	New York.	187-1	21
i Mort. " unded Coupons 1st & 2d Mort.	83,200 200,600		March Jan. &			1880	823	Bonds guaranteed by Virginia 4th Mortgage	200,000 423,000		Feb. d	k Aug.	ee ee	'75-' 1875	4
irginia State Loan of '58 & '59	249,962		46		4	92-93	73	4th Mortgage	504,000	7	66.	44	Richmond	1970	6
wego and Rome: st Mort. guar. by R. W. & O	500,000	7	May &	Nov	New York.	1816		Richmond and Fort Wayne:	82,100	7	- 66	66	N. Y. & Rich	. '69_'	19
acoine	200,000					1891	****	1st Mortgage, guaranteed		7		& —	New York.	18-	
vego and Syracuse:	498,500	a	Tan A	Tule	New York.	70-180		Rich., Frederickburg & Potomac:	67 999	44	Jan. &	July.	London.	1875	
t Mortgage	375,000	7	May d	Nov.	4 4	1885	****	Company Bonds, sterling Company Bonds, dollar	203,576	6	oun c	66	Richmond.	180.1	71
eific of Mo.:	7,000,000	200			11 TO THE PARTY OF	'72-'89	1	Company Bonds, dollar Richmond and Petersburg:	271,399	7		44		'75-"	19
lortgage, construction	1,500,000	7	66	- 4	- 66	168-170	93	Company Bonds (coup. & reg.).	130,500	7	June	& Dec.	N. Y. & Rich	1875	5
t. Louis Loant (new) Mortgage for \$7,000,000	700,000	6*	Feb. d	Aug.	St. Louis. New York.	'71-'73 1888		Company Bonds (coupons) Roanoke Valley (R. & Dan.):		1			Philadelphia.	1	
ama:				-11			975	1st Mortgage	148,200	7	Jan. d	July.	New York.	169_1	,
at Mortgage, Sterling	416,000 346,000	7#	April	or Oct.	London.	1870 1875		Rockford, R. Island & St. Louis: 1st Mortgage, convertible, S.F. free					N. Y. & Lond	1	
Mortgage, Sterling	1,912,000		Feb. &	Aug.	65	1872		Rome, Watertown & Ogdensb.:		1					
insula (C. & N. W.):	1,075,000	7	March	& Sent	New York.	1898		1st Mortgage, Sinking Fund 2d Mort. (Watertown & Rome).	554,500 37,000	7	June March	& Dec.	New York.	1891 '68-'	91
nsylvania:			11.00					Sinking Fund (Watert. & Rome)	731,600		_	& Sept.	1	2000	٠.
t Mort. Harrisb. to Pittsb.	2,597,000	6	Jan. &	July.	Philadelphia.	1880 1875	991	1st Mort. (Potsdam & Watert.). Rutland and Burlington:	511,500	7	June '	& Dec.	4 4	'69–'	,
l M. stg.	2,283,840	6	66	66.	London.	1875	95	1st Mortgage	1,800,000		Feb. d	L Aug.	Boston.	1863	
eneral Mortgage	59,000 6,375,734		April		Philadelphia. Harrisburg.	18-		2d Mortgage	937,500 440,000		61	81	66	1863 1863	
hort Bonds and Debentures	3,400,000	6		-	Philadelphia.			Sacramento Valley:			T	* *	37 . 77 .	1	
sacola and Georgia:	1,185,300	7	Jan. &	July	New York.	18		1st Mortgage	329,000	10*	Feb. d	a July.	New York. San Francisco	1875	
t Mortgage (Tallahassee R.R.)	206,000	7	66	66	66 66	18-		St. Joseph and Council Bluns:							
l Mortgageria and Bureau Valley:	255,000	8	44	46	et	18—		1st Mortgage St. Louis, Alton and Terre Haute:	1,400,000	10	March	& Sept.	New York.	1892	í
t Mortgage	600,000	8	Jan. &	July.	New York.	18		1st Mortgage (Series A)	1,100,000	7	Jan. d	July.	New York.	1894	
ris, Pekin and Jacksonville: at Mortgage for \$1,000,000	550,000	7	Jan. &	July	New York.	1887		1st Mortgage (Series B) 2d Mortgage preferred (Series C)	1,100,000					1894 1894	
ersburg:				11			****	2d Mortgage preferred (Series D)	1,400,000	7			111 44	1894	į
oupon Bondsladelphia and Baltimore Cent.:	66,400	7	Jan. d	July.	Petersburg.	71-72		2d Mortgage Income (Series E). St. Louis and Iron Mountain:	1,700,000	7		66	66 66	1894	
t Mortgage	575,000	7	Jan. 8	July.	Philadelphia.	1876		1st Mortgage for \$4,000,000	3,000,000	7	Feb. &	& Aug.	New York.	1892	è
ladelphia and Erie: t Mortgage (Sunbury & Erie.)	1,000,000	7	April	& Oct.	Philadelphia.	1877	975	St. Louis, Jacksonville & Chicago: 1st Mortgage (\$15,000 per mile).	2,250,000	7	April	& Oct.	New York.	1884	ı
t Mortgage (General)	5,000,000	6	66	- 84	4	1881	861	Equipment Bonds, free		10	Jan. d	July.	61 64	18-	
Mortgage for \$3,000,000	4,000,000		4	66		1901 1885	794	St. Paul and Chicago: 1st Mort. S.F. guar. for \$4,000,000		8	J. A.	J. & O.	New York.	1900)
ladelphia, Germant. & Norist .:	-1 111							St. Paul and Pacific 1st Division:						1.0	
onvertible Loan	110,100	0	Jan. d	July.	Philadelphia.	1882		1st Mortgage (10 miles)			Jan.	& Sept.	New York.	1892 1892	
onds of 1849	401,600	6	April	& Oct.	Philadelphia.		1021	2d Mortgage and Land Grant	1,200,000	7	June	& Dec.	66 65	1892	2
onds of 1861	106,000 2,497,800	6	Jan. d	July,	66	1871		General Mort., stg. for £780,000. General Mort., dol. for \$7,000,000		7*	Jan. 4	July.	New York.	18— 18—	,
onds of 1857, convertible	171,500	6	44	- 66	44	1886	90	Salem:		-			manual h was a fe	100	
onds of 1836, Sterling	182,400 288,000	7*	66	66	London.	1880		1st Mortgage	100,000	7	Jan. d	t July.	Philadelphia.	18-	
ort. bonds of '68, clear of taxes	2,255,000	7	April	& Oct	Philadelphia.	1893	103	1st Mortgage	226,900	6	-	& —	Boston.	1876	j
ladelphia and Trenton: st Mort. (Camden & Amboy).	200,000	6	May &	Nov	Philadelphia.	1868	1	Sandusky and Cincinnati: 1st Mortgage	981,000	7	Feb.	& Aug.	New York.	1900	j
ladelphia, Wilmington & Balt.:	10.00					1	****	3d Mortgage	148,000			&	44 44	18-	
ortgage Loan, convertible	385,000 1,000,000	6	April		Philadelphia.	1884	96	Sandusky, Mansfield and Newark: 1st Mortgage	1,290,000	7	Jan.	k July.	New York.	1875	
onds of 1867sburg and Connellsville:	945,000		24	- 66	- 46	1887	90	Funded Coupons	818,200		66	"	64 46	1875	
st Mort. (Turtle Creek Div.)	400,000	6	Feb.	a Aug	New York.	1889		Schuylkill Navigation: 1st Mortgage	1,761,213	8 6	March	& Sept.	Philadelphia	1572	2
altimore Loan (bonds & stock)	1,000,000	6	44	"	Baltimore.	1886	****	on Mortgage	3,980,670	0 6	Jan. &	& July.	46	1882	2
sburg, Ft. Wayne & Chicago: t Mortgage (Series A)	875,000	7	Jan. &	July	New York.	1912	102	Improvement Bonds	362,500	6	May	& Nov.		1870	,
t Mortgage (Series B)	875,000	7	Feb.	& Aug	46 66	1912	102	1st Mortgage	97,000	6	Jan.	t July.	Philadelphia.	18-	
t Mortgage (Series C) t Mortgage (Series D)	875,000 875,000			& Sept	*	1912		Seaboard and Roanoke: 1st Mortgage	210,000	7		&	New York.	1880)
t Mortgage (Series E) t Mortgage (Series F)	875,000	7	May .	k Nov		1912	****	3d Mortgage	71,000	7	-	&	66 66	1870	0
Mortgage (Series G)	875,000 860,000	7	Tan. d	& Dec		1912	97	Convertible registered Selma and Meridian:	128,89	3 7		&	Portsmouth.	10/3	
Mortgage (Series H)	860,000	7	Feb.	& Aug	- 46 66	1912	97	1st Mortgage	79,87			& -	- & -		,
d Mortgage (Series K)	860,000 860,000	7	March	& Sept	« a	1912 1912	****	2d Mortgage	52,000 665,000			& &	_ &		
d Mortgage (Series L)d. Mortgage (Series M)	860,000	7	May .	k Nov	E E	1912		Selma Rome and Dalton:		1	_		-	1070	
d Mortgage	860,000 2,000,000	7	April	& Dec		1912 1912		1st Mort. (Ala. and Tenn. River) 2d Mort. (Ala. and Tenn. River)	838,500 241,100		Jan. d	k July.	66 66	1872 1864	Ĺ
d Mortgage Bridge (O. & P. R. R.) bonds tsburg and Steubenville:	153,000	7	May	Nov		1876	91	Gen. Mort. (S.R.&D.) free of tax	3,000,000		April	& Oct.	44 44	1887	
st Mortgage	1,000,000	7	Feb.	Aug	New York.	1881		Shamokin Valley and Pottsville:	700,000	7	Feb.	& Aug	Philadelphia.	1872	2
d Mortgage	500,000	7	66	- 4	a a	1881	****	1st Mortgage	Carlotte Control	1	34			12.5	
rtland and Kennebec: st Mortgage	230,000	6	April	& Oct	Boston.	1883		1st Mortgage 2d Mortgage (Gov. subsidy)	1,600,000	7	Jan.	& Oct.	New York.	1898 1898	
Consolidated Bonds	300,000	6	4	4	4	1895		Somerset and Kennegec:		1	3 50		Lett at size fire	200	
	-				1	100	1	1st Mortgage	300,000	0 6	June	& Dec	Augusta.	1874	ó

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	ate.	1000000	Payable.	Due.	Price.	Description of Bonds.	Amount.	Rate.		Payable.	Due.	Price.
15 1 3 Take 2 - 12 - 12 P.	NAS I	R	When.	Where.	A	4		V 35"	2	When.	Where	A	P
hore Line (N. H. & N. L.:) 1st Mortgage, reconstruction	\$55,000	7	March & Sept.	New Haven.	1880		Western Alabama: 1st Mortgage, guar. for \$500,000.		7	April & Oct.	New York.	18-	
outh Carolina: Sterling Bonds £452,9121	2,612,944	5*	Jan. & July.	London.	'71-'85		West Wisconsin: 1st Mort. Land Grant, stg. conv			Jan. & July.	London.	1883	7
Sterling Bonds £59,0313	262,366 617,167	5*	various.	Charleston.	'71-'85		West Chester and Philadelphia:	20					
Domestic Bonds	595,500	7	- 44.	"	'68-'74 '68-'72		1st Mortgage, convertible 2d Mortgage, registered	400,000 562,000		Jan. & July. April & Oct.	Philadelphia.	1878	
Domestic Bonds	280,000	1	April & Oct.		'88–'91	1	West Jersey: Loan of 1861 for \$1,000,000	238,000	6	March & Sept.	Philadelphia.	1883	9
1st Mortgage	150,000	6	April & Oct.	Boston.	1880	941	Loan of 1865 for \$1,000,000	780,000	6	Jan. & July.	4	1896	
	800,000		Jan. & July.	New York.	1887		Western (Boston and Albany). Sterling Loans, £899,900	4,819,520		April & Oct.	London.	'68-'71	
2d Mort., guar. by Petersburg 2d Mort. (for City Point R. R.).	1 110,000	6	4 4	Petersburg.	'70-'75 '65-'68		Dollar Bonds	936,500	6		Boston.	1875	1
4th Mortgage	314,900 119,000	8	44 44	4 6	'70-'72 '63-'69		1st Mortgage	400,000 200,000		Jan. & July.	Baltimore.	1890 1890	27 00 00
South Side, L. L.	1	1 4	36		- 31		1st Mortgage, endorsed by Balt. 2d Mort. for \$300,000, end. by B. 2d M. for \$300,000, end. by W.Co.	300,000	6	46 . 46	u	1890	
1st Mortgage	750,000		March & Sept.	New York.	1887		2d M. for \$300,000, end. by W.Co. Western Pennsylvania:	300,000	6		MACE .	1890	4
1st Mortgage South West Pacific:	437,000	8	various.	Macon.	'75-'85		1st Mortgage, guaranteed	1,283,600	6	April & Oct.	Philadelphia.	18-	1
1st Mort. guar. by Atl. & Pacific	2,000,000	7	Jan. & July.	New York.	1871		Western Union 1st Mortgage for \$5,000,000	4,000,000	7	Feb. & Aug.	New York.	1896	
Southern Minnesota: 1st Mortgage L. G. for \$1,000,000	900,000	7	Jan. & July.	New York.	1885		Wills Valley: 1st M. for \$1,000,000 end. by Ala.		7	_ & _		18-	
Springfield and Columbus:	150,000	7		New York.	1871		Wilm., Charlotte & Rutherford:	1		Ton & Toler	Now York	90-92	15
Staten Island:						****	N. Car. State Loan	2,320,000	8	Jan. & July.	New York.	1897	
1st Mortgage Steubenville and Indiana:	200,000	7	Jan. & July.	New York.	1886		Wilmington and Manchester: 1st Mortgage	596,000	7	June & Dec	New York.	1866	
1st Mortgage	1,500,000	7	Jan. & July.	Philadelphia.	1870	75	2d Mortgage	200,000	7	May & Nov.	46 66	1878	
Sullivan: 1st Mortgage	500,000			Boston.	1875		Bonds secured by W. & W. stk	160,000	7	March & Sept Jan. & July May & Nov	Wilmington.	1864 1862	
2d Mortgage	250,000	6	Feb. & Aug.		1880		Consol. Mortgage for \$2,000,000. Wilmington and Weldon:		7	May & Nov	New York.	92-02	2
1st Mortgage	1,721,514	7	April & Oct.	New York.	1876		1st Mortgage, Sterling 2d Mortgage, Sterling	576,888		Jan. & July	London.	1881 1886	
1st Mortgage	206,000	7	Jan. & July.	New York.	18—		Sinking Fund Mortgage	197,777	7	April & Oct	New York.	1896	1
Tioga: 1st Mortgage	250,500	7	May & Nov.	Philadelphia	1872		Winchester and Alabama: Tenn. State Loan	1,098,256		Jan. & July		88-96	R
Toledo, Logansport & Burlington						1	Winchester and Potomac:	1	1			-	9.
1st Mortgage	800,000	1			1884		Stg. State Loan Trust Bonds	85,333 120,000		Jan. & July	Richmond. Baltimore.	1867	1:
1st Mortgage (E. Div.)	1,600,000				1894 1896	86 82	Winona and St. Peter:		7	12000		18-	1
lst Mortgage (W. Div.)	2,000,000						1st Mortgage (C. & N. W.) Wrightsville, York & Gettysburg	:	1		11/1/10	1000	1
1st Mort. (Tol. & Ill., 75 m.) 1st M.(L.Erie, W.& St.L. 167 m.)	2,500,000	7	Feb. & Aug.	New York.	1890 1890	91	1st Mort. guar. by N. Central York and Cumberland (N. Cent.)	52,000	7	May & Nov	. Baltimore.	1867	1
1st M.(L.Erie, W.& St.L. 167 m. 2d Mort. (Tol. & Wabash 75 m. 2d Mort. (Wab. & West. 167 m.	1,000,000	7		44 44	1878 1871	85	1st Mortgage	175,000	6	May & Nov Jan. & July	Baltimore.	1870	1
Equipm't Bonds (T. & W. 75m.	600,000	7	66 44	66 66	1883	78	2d Mortgage	25,000			4	1871	1:
8. F. B. (Tol., W. & W. 499 m. Consol, M. (T., W. & W. 499 m.	269,000 1,880,000			4 4	1871	80	CANAL BONDS. Chesapeake and Delaware:				- 5	1 8	1
Troy and Boston: 1st Mortgage		1				100	1st Mortgage	. 2,254,000	0 7	Jan. & July	. [Philadelphia.	1882	1
2d Mortgage	300,000	7	April & Oct		1887 1885		Chesapeake and Ohio: State (Md.) Loan	. 2,000,00		J. A. J. & O		1870	1.
8d Mortgage	650,000				1875 1882		Sterling, guaranteed	. 4,375,00 1,699,50		Jan. & July	London. Baltimore.	1890 1885	1
Troy Union:	1000					****	Delaware Division:	13.000		1 to 1	ultiott T.E.	41 0	1
lat Mortgage, guaranteed 2d Mortgage, guaranteed Union and Logansport:	180,000	6		New York.	1873 1877	****	1st Mortgage		0 6	Art I		. 1878	1
Union and Logansport: 1st Mortgage	1.834.000	7	June & Dec	New York.	1905		1st Mortgage	531,00	0 7		New York.	1870 1877	
Union Pacine:		1	1			****	1st Mortgage (new) Delaware and Raritan (See Can	1,500,00 den and	0 7	mboy R. R.)		1011	1
1st Mortgage, free	20,168,000	6	Jan. & July	New York.	1897-8		Erie of Pennsylvania: 1st Mortgage	673,79	8 7	Jan. & July	. Philadelphia.	1865	
Union Pacific—Central Branch: lst Mortgage		1	* May & Nov	New York.	1895		Interest Bonds	. 161,96			"	18-	
ad moregage (Gov. Bubblet)	. I LOUISUNA	6	Jan. & July	4 4	1895		Illinois and Michigan: Ill. State bonds, sterling, coupon	767,22	2 6	* April & Oct		1870	1.
Union Pacific—Eastern Division 1st Mortgage.	6 400 000	6	June & Dec	New York.	1895		Ill. State bonds, sterling, reg Ill. State bonds, stg. coup. & reg	. 500,96 32,70	7 6	* 4 4 4	New York.	1870	
2d Mortgage (Gov. subsidy) Vermont Central:	6,400,000		Jan. & July		1895		Ill. State b'ds, cur., coup. & reg			Jan. & July	New York.	1870	
let Montana	3,000,000			Philadelphia	1806	77	Lehigh Coal and Navigation: 1st Loan	. 384,16	2 6	J. A. J. & C	. Philadelphia	1870	1
2d Mortgage Equip. Loan (Vt.C. & Vt.& Ca. Vermont and Massachusetts:	1,500,000	0 7	Jan. & July May & Nov	Boston.	1867 1876	37	2d Loan	. 5,606,12	2 6	4 4	" "	1884 1897	1000
Vermont and Massachusetts:	2,000,00			1		102	Gold Loan	. 5,000,00	0 6	June & De	2. 66	1897	1
Vermont Vallows	. 000,000	1		Boston.	1883	91	Convertible Loan	. 1,201,85	0	" "	44	1877	1
1st Mortgage	386,00	0 7			1860		1st Mortgage	. 125,00		Jan. & July	Pittsburg.	1887	
2d Mortgage Vicksburg and Meridian: Consolidated Mort.—1st class .	293,20	0 7		Boston. New York.	1860 1859	****	2d Mortgage	. 57,00				18-	
Consolidated Mort.—1st class.	722,50	0 7	Jan. & July	Philadelphia	1890		1st Mortgage	. 465,50		April & Oc	t. Jersey City.	1876 1876	1
20 class	850,00	0 7	or	"	1890		Boat Loan	232,08	7	. 4 4	4	1885	
4 6 4th class.	1 000 00	0 7	April & Oct	. "	1890 1890	****	North Branch:	. 590,00	0	May & No	v. Philadelphia	1876	
Funded Coupons	. 420,00	0 7		- 46			1st Mortgage Schuylkill Navigation:	1			100	1 - 4	
Special Loan Virginia Central:	200,00				*****		1st Mortgage	1,764,55	70 6	Jan. & July	y. 66	1882	
State Loan	. 210,00			New York.			2d Mortgage	1,601,67	70	May & No	V. 41	1876	1
2d Mortgage	206,50	0 6	3 44 44	64 66	1872		Md. State Loan, sterling	1,000,00	00	Jan. & Jul	London.	1885	á
Income and other unaccured he	. 983,00 s 116,12	5 8		Richmond.	1884	8	Md. State Loan, sterling Coupon Bonds Preferred Interest Bonds	1,250,00	00	6 " "	Baltimore.	1878 1894	
Lat Montan Lennemace.	and in					1	Union (Pa.):			Wan & W.	Dhill data	S 10 28	
2d Mortgage	23,50	0 6	3 4 4	46 - 46	1879	64	1st Mortgage	3,000,00		May & No		3 8573	
Income Bonds	990,00	0 6	4 4	4 4	1884 1866	66	1st Mortgage, sinking fund	750,00	00	Jan. & July	Philadelphia	1878	1
Warren:	736,00	0		4 4	18-	72		600,00	00	Jan. & July	y. Philadelphia	1878	
let Mortgage, guaranteed Werren and Franklin:	. 511.40	0	Feb. & Au	New York.	1875		American Dock & Improvement		1	25 1	45	1	
lst Mortgage	. 1,937,00	1		Element I	3		American Dock & Improvement Bonds guar. by, C.R.R. Co., N. Western Union Telegraph:	J. 2,000,00	00	Jan. & Jul	y. New York.	1886	9
Let Mortgage. Warwick Valley: Let Mortgage.	2,001,00		10000000	Philadelphi	332	85	lst Mortgage, convertible Bonds of American Tel. Co	4.857 O	00	May & No	v. New York.	1875 1873	
ALUIUI GE	. 85,	0 '	7 April & Oc	t. New York	1880	10.3	Ronds of American Tel Co	80.50	00	Jan. & Jul	v 46 46	1979	

RAILROAD SHARE LIST, including Wileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

An asteriol (*) occurring in the column headed "Bolling Stock" signifies that the cost thereof is included, in that headed "Railroads are distinguished by a "1," and running dots (.....) signify "not asses

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RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

An asteriot (*) occurring in the column headed " Rolling Stock" signifies that the cost thereof is included, in that headed "Railroads are distinguished by a ""," and running slot (****) signify "not ascertained." State-aid Railroads are distinguished by a "","

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RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

An exterior (*) occurring in the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Railroads are distinguished by a ""."

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167	6.84	-		68	-	Suburban	95,000	5,000		in Mal.	& Mel		_			Coney Island and Brooklyn	56,300	7	J. & J	1870)
.'67 .'67	2.76		440		-	Union (Transportation) Winnisimmet	62,152	58,300	24,000	238	368,861 4,300				88	1st Mortgage Delaware County:	148,000	7	J. & J	1878	3
.'67	4.06		44	-9	-	Worcester	89,578	75,800	72,000	26,000			-			1st Mortgage	6,500	7	Davidate.	7 11	
,164	3.0	3.0	45	7	-	Fairhaven and Westville	100,000	100,000	-				8			Dorchester:		1.1		ma la	**
162	8.5	-	11	3		Hartford and Wethersfield. NEW YORK.	300,000	300,000			-		-			Beal Estate Mortgage D. Dock, E, B'dw. & Battery	£,000	6			
'67	7.37	-	87	6	6	Albany	139,414	98,000	40.000		71,861	15,873	_	100		1st Mortgage Eight Avenue .	550,000	7	J. & J		
167	22.00 10.70	_		68	1	Blecker St. & Fulton Ferry. Broadway (Brooklyn	1,746,441 260,561	900,000 200,000	694,000	44 740	298,418 107,736	56,543	-	100		1st Mortgage	160,000	7	J. & J	1831	
167	15.0	-		103	1-	Broadway & 7th Ave., N. Y.	508,318	2,100,000	1500000	-	687,433	253,214	84	100 100		Forty-second street:	1		111001	THE REAL	
'07	8,00			207		Brooklyn, Bath& Coney Isl'd Brooklyn City	1.800.813	1,500,000	80,000		27,253 1,131199		-	100		Deni Rataia	127,150 134,500		J. & J J. & J		š
167	11,00	_		49	-	Brooklyn City & Newtown.	553,340	400,000	200,000	20.587	129,267	14,852	-	100		FIBURIORG and Monthwark			Troil	- 17m	
	21. 0			57	22	Brooklyn City & Rook. Be'h Brooklyn Central Jamaics	125,586 995,783	107,700 488,100	45,000	47.303	16,088	6,352 9,470	-	100		1st Mortgage	200,000		J. & J	. 1869	ð
187	8. 10			-	-	Bullalo Bireet	134,357	50,000	\$0,000	109,500	76,683	21,455	-	100		Germantown:	50,000	7			
167	1.76 24.00	1		121	14	Central City (Syracuse) Central Pak, N.&E. Riv. (N.Y.)	29,130 1,629,963	21,130 1,031,500	550,000	54.829	17,655 531,915	4,786 16,285		100		Green and Coates St.:	350,000	7	J. & J	1860	9
'67	14.82	-			- 0	Coney Island & Brooklyn	644.672	500.000	141 000	47 727	118,307	226	-	100		Ist Mortgage	100,000			097	
	22.69 18.00			201 162		D. Dock, E. B'dw. & Battery Eighth Avenue	1,420,972	1,200,000 1,000,000	203,000		582,532 792,574	89,310 139 095	12	100		lat Mortgage. Harlem Br. Moris'a& Ford'm	200,000		J. & J	1870	,
167	10.24	_		45		42d st., & Grand st. Perry	1,041,204	748,000	260,000	-	300,969	94,714	5	100		let Mortgage Hestonville Mantua & Fair	124,000	1 3	J. & J		
167	5.50	-				Grand st. & Newtown (W'g) Genesee & Water st. (Syr.)	42,194	42,500		1	74,420 8,765	18,793 419	9	100		mount:	1		1	100	
167	8.36 10.00	-		-01	-	Greenpoint & Williamsbirg Harlem Br., Moris'a& Ford'm	144,000	44,390	100,600	3,900			-	100		1st Mortgage	183,600	7	J. & J	1800	9
'67	3.56	-		21	-	Kingston and Rondout	78,510	10,000			68,603 27,600	4,578 1,520		100		1st Mortgage. Lynn and Boston:	60,000	7	M. & 8	1972	2
	7.00			11		Metropolitan (Brooklyn) Ninth Avenue	861,500	191 500	184,000 167,000	4,000	24,961	4,000	-	100		1st Mortgage [road]: Malden and Melrose:	50,000		J. & J		,
. '67	6,76	-	-	-	-	Niagara street (Buffalo)	118,083	80.000	An non	1 947	92,671	16,881 3,345		100		Malden and Melrose:			0.002,177	1000	
	10.00			41	1	Rochester City & Brighton Second Avenue (N. Y.)	286,061	133,400	100,000	13.000	48,259	1,501	-	100		1st Mortgage guarantied Medford and Charlestown:	75,000	0	A. & O	1880)
. '67	8.37	_		81	1-	Sixth Avenue (N. Y.)	11.571.214	750,000	1186.000	-	563,166			100	404	Middlesov. [Winter St. Br.].	9,500	6			
. 167	5.33	1				Skaneateles Syracuse and Geddes	20,035	25,000	20,000 25,000		13,075	5,046	-	100		1st Mortgage	88,000				ĺ
. '67	18.00	-	-	-	-	Syracuse and Onondago	31,000	81,000		1-	6,596	1,176	5-	100		Malden & Melrose bonds. Real Estate	6,000				
'67	3.33	-		180	-	Third Avenue (N Y.) Troy and Albra	71,952	1,170,000 44,150	19,000	50,000 11 238		222,222 2,140		100	180	Minum Avenue:					-
	15.50		-	-	-	Utica and Waterville	301,268	121,172	196,500	1,200	75,179	14,707	-	100		North Philadelphia:	112,000	1 1			
'67	15.52			_ 4		V.Brunt st. & KrieBas. (Bk'n) Westervliet (Albany)	87,000 294,388	240,000	12,000	1,534	17,395 104,223	2,267 14,721		100		Orange and Newark:	100,000	7	77 19	1869	9
182	K 96		1.20	1.		NEW JERSEY. Hoboken and Hudson City.	1					,		100	****	1st Mortgage Broad street	100.000	7	J. & J		
'62	5.32	2.5			8	Hoboken and Weehawken.	32,000 134,400			2,000	17,228	9,986	3			2d Mortgage " Newark	100,000	0 7	J. & J J. & J	1881	
. 62	17.00	7	-		1	Jersey City & Bergen Point Orange and Newark	t							****	****	Philadelphia City	100,000		LIANA	1882	3
'62	5.80		150	2		West Hoboken & Hoboken	618,296	40,000	300,000	80,750	124,679	30,566		50	****	1st Mortgage. Philadelphia and Darby:	140,000	6	J & J	1879	9
167	9.23		137		8 4	PENNSYLVANIA, Citizens' (Pittsburg)	230,480	10.11			144 000	E0 100				1st Mortgage Phila, and Gray's Ferry:	17,000	7	J. & J	1870	0
167	1.63	-	10		2 -	Easton & South Easton	92,422	24,500	500	-	144,008 4,971	428		25	***	1st Murtage			- OFF		
187	10.50		272	4	0	Frankford & Southwik (Ph	138,267 766,491	99,635 491,650	50,000	11,664		loss.	-	50	owne	lst Mortgage Pittsb., Allegh'y & Manch.:	15,500		1 & 1	1869	à
167	34.25		367	51	9 -	Germantown Girard College (Phila) Green & Coates st. Phila)	542,270 170,864	112,245	350,000		284,574	63,582	264	50	294	l'ittaburg & Birminghers	85,000	7	J. & J	1871	L
167	4.84	_	- 120 - 197		5 -	Grard College (Phila.)	170,864 234,463	170,000	-	-	112,204 170,439	15,978	12	50	274	1st Mortgage	10,800	7	J. & J	1870	۵
67	2.00 5.20		- 18	1	5 1	Harrisburg City	57,948	41,995	9,750	2,248	9,777	1088.	10	50 25		I IST MOREGORO	94 000		1 4 1	1000	
67	7.25		103		8 1	Lombard & South st. (Phil.) Oakland (Pittsburg & K. L. Peoples, Luzerne County Philadelphia City (C. & W. Philadelphia and Darby Philadelphia & Gray's Ferry Pittsb., Allegheny & Manch', Pittsburg and Birmingham Bidge Ayenue & Mayunch	162,957	90,000 59,500		7,900	66 529		-	25 25	114	Quiney. Plain bonds Richmond and Schuylkill:	87,000		J. & J	1871	L
767	3.00	1	- 9	1	8 1	Peoples, Luzerne County.	34,800	34,800	-		4,600	2,382		100		Bichmond and Schuylkill	58,400		M. & B	1868	3
'67	5.6	1	277		0 4	Philadelphia and Darby	250,419	160,000	150,000		226,044 38,371		10	50	200	Rochester City & Brighton	30,000	7	J. & J	1870)
167	8.50	-	125		7	Philadelphia & Gray's Ferry	y 286,533 r 146,895	285,307	-	-	93,888	23,343	3	20 50	12 26)	1st Mortgage	100,000	1 2	J. & J.		
187	200	1	163		2 2	Pittsburg and Birmingham	82,806	110,000 76,000		10,000	138,501 74,852	22,495 21,550		50		lst Mortgage	1		A Direct		*
167	8.00	-	- 53		2 -	Ridge Avenue & Manyunk	179,635	120,500	63,300	-	40,799	6,725	2	50		1st Mortgage	520,000	7	J. & D	1867	1
187	10 50	1	486	7	2 4	Second & Third st. (Phila.).	47,468	339,007	114,200	68,088	403,156	105,448	184	50 50	435	1st Mortgage2d Mortgage	100,000		J. & J		3
167	5.65 7.00 6.25		100	13	3 4	17th & 19th st, (Phila.)	114,368	130,000	-	-	69,627	11,284	4	50	184		114,200	7	J. & J	1866	à
167	6.2	5	- 148	2	8 4	Ridge Avenue & Manyunk Schuylkill River (Phila,) Second & Third st. (Phila,) 17th & 19th st. (Phila,) 10th & 11th st. (Clizone') 18th & 15th st. (Phila,) Union (Philadelphia)	176,049	tain	-		131,728 208,984	84.648		50	71	1st Mortgage1 Real Estate bonds	700,000		J. & J	1870	,
167	25,0	0	- 525 - 341	7	0 13	West Philadelphia	764,927	400,000	300,000		366,348	42,591	7	50	42		180,000			***	
. '67	4.1	8	- 13		4 1	Wilkesbarre and Kingston	70,285	49,800	100,000	8,500	281,058 12,119	7,423		50	61	Real Estate Mortgage Utica and Waterville:	300,000	6	J. & D	1871	5
	1.0	1	- 10	1	4	Williamsport	20,367	15,600	5,000	1,127			4	25		1st Mortgage	100,000	1 2		Pravil.	j
. '02	21.0	0	- 84	5	0	Baltimore City	700,000	670,000		31,54	239,059	21.058	-		18	Van Brunt, at & Erio Basin :.	1000		1 HI	-	*
1, 162	5.0	0 -		-	1	Cincinnati Street	151 010	11.30		200		1000	19	Mile.	10	Vest Hoboken & Hoboken	12,000	7	I. & J		
762	5.0 5.0 8.8	0 -	-	-	-	City (Cinc.) Passenger	- 111 412	100,000			******	*****		****		Vest Philadelphia:	60,000	7	MAN	1878	
4 16	4 0.0	4			-1	Passenger (Oino)	69 837					***	1	-		1st Mortgage.	100,000	1.	J&J	1866	

Court arms.	PREFERRED & GUARA	TEEL	0 8	TO	CKS		New	York S	tock	Exel	hang	e.	(0.0)
Court At	(Marked with an asterick (*) are gu	aranteed	by l	lesse	es aı	IRON-DUTY: Bars, 1 to 14 cents per lb.; Railroad, cents per 100 lb.; Boiler and Plate, 14 cents per lt.	h)	Th	8 17 6	Rot'	10 15 1	om -	14.
Angusta Angu	thus (f) have equal dividends w	ith lesse	es'	stoc	k.)	Pig, \$9 per ton; Polished, 3 cents per lb.	Boston, Hartford					* ***	· ···
Annexes Annexes Corporation Corporat	The state of the s	1	13	Div'	ds	Pig, Scotch, No. 1per ton.40 — @ 44 -	- Canton Co	00	£ 60		601		• •••
Allantini a di Perenti C.D. D.) per Perenti C.D. D.) per Perenti C.D. D.	COMPANIES.	Amour	nt	01.	arke	Pig, American, No. 2	- Chicago & Alton		. 154	****		111	112
Allamina de G. Wersh (C. D.) perf. \$4,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$6 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$7 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$1	· · · · · · · · · · · · · · · · · · ·	standin	ig.	Kat	M		- 1 1 M.	***** ***				***	
Administer and Olicy peril (2,014,000) 7 7 7 7 7 7 7 7 7	Pitterin Secret		-	-	-	_ Bar, Swedes, assorted sizes(gold).82 50 @ 87 5	. S. F.				****	***	
Bander Content Conte	Atlantic & Gt. West'n (O. D.,) pref	. \$1,919,0	00	7		Bar, Swedes, ordinary sizes @140 -	Chicago, Burl. &	Q172	172			. ***	179
Blackening and Counting age 200,000 5				6 6		Bar, English and American, Common @ 87 5	Chi. & Gt. Easter	KNR			****	***	
Suddon, Compared and Montreed, pref. 1,00,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7 6 1,000 7 7	Berkshire,* guaranteed	. 600,0	00	7 1		Scroll	Unic. & Northwe	estern	. 84			****	
Summary System and Stock 1986.00 7 6 6 6 6 6 6 6 6 6	Boston, Concord and Montreal, prei	1,340,0	00	6 6	1	Band	1st M	4 91				95	Ri
Compared and Semunatements Compared Co	Buffalo, N. York and Erie, guar	. 950,00				Rods, #@3-16 inch	. Inter	est			****	****	****
Colored Chapter of the Colored Chapter of t	Catawissa, pref. and guar	2,200,00	00	7 7	68	Hoop	. I cone	08	07			****	* ****
Section Common	Cedar Rapids & Missouri, * preferred	1				Sheet, Russia, assorted No.'s(gold) — 114@ — 1	8 Chicago & R. L.	8, 1870			133	****	
Chemony State Company State Company	and guaranteed	755,00				Rails, English(gold)perton. — 655 —	Cley Col C and	7a. 1806 04	0.4	0.4	978	93]	94
Chicago and Allon, pref.	Ohemung,* guar	380,00	00	8 6		Rails, American	Clev. and Pittsbu	TE			90	00	70
Change and a Cuttowners, prefer 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	Chicago and Alton, pref	2,425,40	00 7	7 10	150	STEEL-Duty: Bars and Ingots valued at 7 cents no	. 2 M.				****	****	
Clever and not Machenings grant	Chicago, Iowa and Nebraska, guar.	16.356.28				10. or under, 2t cents: over 7 cents and not above 11.	2 4 M.	***** 70			764	****	
	Cleveland and Mahoning, guar	2,056,00	00 7	7 7		cents per 10.; over 11 cents, 22 cents per 10., and 10 per cents ad val. (Store prices.)	Clev. and Toledo	*********			****	****	****
Same and Sam	Dochecho, preferred	177,75	0 8		_	English, Cast(2d and 1st quality)	Col., Chi., & Ind.	78 C	42		****		
Second Service 1	Connecticut and Passumpsic Rivers,				1	English Blister (2d and 1st quality) 111 @ - 18	" I M	6-51	207		83		82
Selection Sele	Sumberland Valley, 1st pref	241,90	0 8	8	114	English German (2d and 1st quality) — 14 @ — 16	Del. & Hudson C	anal126		126	126	****	1264
Description	Delaware, guaranteed	594,26			1.00	American Blister Black Diamond — 101@ — 16	I Del., Lack, & We	estern	1143	114		113	****
Description	Detroit & Milwaukee, * preferred and	-			1	American, Spring, do 10 @ - 13	Erio Rellman	/A	09				****
Description	Dubuque and Sioux City, preferred				1	American Machinery do @ - 13 American German do 10 @ - 13	pref.				****	****	****
Season Per In. Manufactured. 30 per cent ad val. Sheathing 40 per cent 4	Dubuque Southwestern, pref					COPPER-DUTY: Pig. Bar and Ingot. 24: old Conner	0 1 1111.	8, 1867			****		****
Section Sect	lastern (N. H.,)* guaranteed	492,50	0 8			Ing Copper and Yellow Metal, in Sheets, 20 inches lone	ЗМ.7	8, 1883 894		894	894		****
and putantsect. Section Column C	guaranteed	500,00				and 14 inches wide, weighing 14@34 oz. per square fool	5 M.	78. INNS		****	82	****	****
Sample S	Imira and Williamsport,* guar	500,00	0 5	1 6		Sheathing, Newper lb @ - 33	Great Western 20	mort. 79		****	****	****	804
Samblaing and St. Joseph, pref. 5,263,560 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 115 5,000 7 7 7 7 115 5,000 7 7 7 7 7 7 7 7 7	and guaranteed	500,000			80	Braziers'	66	prof	112		****	****	114
Joseph John	annibal and St. Joseph, pref	5,253,830			113	N 9119 40 23 44	Hudson River	s. 1869.	146	****	146	145	1454
TIN_DPRT FNg Bart and Book, 15 per cent. at val. According to the property of the property	larrisburg and Lancaster,* guar	1,182,550				Sheathing, Yellow Metal 22 (a) — 23 Sheathing, Yellow Metal — (a) — 27	2 M. S	. F				****	****
Allest and Chicagos goar 1,00,000 7 8 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171 171	luntingdon & Broad Top Mountain,				1	Bolts, Yellow Metal	Illinois Central	139	****		****	****	1391
Section of Participation Section	oliet and Chicago,* guar				****	TIN-DUTY: Pig, Bars and Block, 15 per cent. ad val.					073	071	****
Section of Section Sec	ollet and Northern Indiana,* guar			8		Plate and Sheets and Terne Plates, 25 per cent. ad val.	Marietta & Cin. 1s	t pref. 23				818	981
S.F. S. 1822 S.F. S.F. S. 1822 S.F. S. 1822 S.F. S. 1822 S.F. S. 1822 S.F. S.F. S. 1822 S.F. S.F. S. 1822 S.F. S.F. S. 1822 S.F. S.F. S. 1822 S.F. S.F. S.F. S.F. S.F. S.F. S.F. S.	seds and Farmington, # guar				****		Michigan Central.		120		120	-	****
Sachester and Lawrences	ouisville, Cincinnati and Lexington	2,646,100	7	7	****	Plates—Fair to good brands,—Gold.—— Currency—	B.F. 8	5, 1882		****	****	****	****
Sachester and Lawrences	preferred	211,122	2 9			I. C. Charcealper box. 8 621@ 8 75 11 75 @ 12 25	M. S. and N. I	97	97#		971	981	99
Second Service 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 1989,000 198		4,051,744	1 6		8		1 M.	S. F., 99	991	****		****	934
Hill Yeake and Mine Hills guar. 322,375 10 10 10 10 11 11 12 12	Lichigan Southern, guaranteed					Charcoal Terne 8 — @ 8 50 10 75 @ 11 62	mariposa Mining	Co	19	-	****	****	****
1	fill Creek and Mine Hill, guar					ner gallon	Tr. 10	ctfs	65		****		37} 65
Comparation Carbon Carbo	" 2d pref.	1,014,000	7			Crude, 40 (gravity (in shipping order) — 2140 — 22	Milw. and St. Pau pref	1 74 885					77%
guaranteed ount Carbon & Pt. Carbon, *guar. 2007 22,250 12 12 22,250 12 12 344,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 2 2 Refined, Stundard White (in ship)rig order), - 32 62 - 33 434,000 4 4 4 4 4 4 4 4 4	line Hill and Schuylkill Haven,*	8,050,892	7	***	841	Renned, in bond, prime L. S. to W. (110 @	1st mo	rt 90				****	****
Sew Haven and Northampton 1,344,000 2 1,344,000 3 1,344,000 3 1,344,000 3 1,344,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3 1,345,000 3	guaranteed	3,775,000				Refined, Standard White (in ship'g order) 32 @	4. OB			****		****	***
Lagars Br. and Canandalayna,* guar 1,000,000 6 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 8 1,037,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7 1,000,000 7 7 7	ew Haven and Northampton*	1,344,000		2		Refined, S. W. (in merchantable order). — 32 @ — 33	· 7 3-10s	con 87	****	****	911	861	****
Grith Rastern (S. C., preferred. 155,000 8 8 8 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000	iagara Br. and Canandaigua, * guar.					Naptha, Renned, (60 (a) 63 gravity) 9 @ - 9	Morris and France	J. iss		****	****		884
hio and Mississipp), red	orth Eastern (S. C.,) preferred	155,000	8	8		OLASS - Dury Culinder or Window Poliched Dieta	1st mo	rt 991			878		87
and not exceeding 24 by 66 inches, 20 cents per sq. foot; and the	hio and Mississippi prof		7	7		BOL Over 10 by 15 inches 24 cents now so foot a lawsen and	2d mor	rt 89#	90	****	90	90	****
Crown and Common Window, not exceeding 10 by 15 156,180 156,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 10 166,180 166,180 10 166,180 166,180 166,180 166,180 166,180 166,180 166,180 166,180 166,180 166,180 166,180 166,	aterson and Hudson, guar					not over 24 by 30 inches, a cents per sq. foot; larger and	New York Central	1631	165‡				163
1,009,000 6 6 6 6 6 6 6 6 6	eoria and Bureau Valley,* guar	1,200,000		6		and not exceeding 24 by 60 inches '40 conta nor so foot. all	78, S.F.	v. '76		****	****		****
Second Content of the content of t	hiladelphia and Reading, pref			10	****	Crown and Common Window, not exceeding 10 by 15	6s, S.F	. 1883 90	90				****
ortl. & Kennebec (Yarmouth) guar. 202,400 6 6 American Window—Ist, 2d, 3d & 4th qualities. New List, ortsmouth and Concord* 1,500,000 7 7 6 by \$to 7 by 9 per 50 feet. 7 75 6 6 colored from the first of the first	hiladelphia and Trenton,* † guar					over that, and not over 26 by 30, 21; all over that, 3 centa	N. York and Harle	m135					138
Ortsmouth and Concord*	ortl. & Kennebec (Yarmouth) guar.	202,400	6	6		per 10.	pref	1873	****	****	****	****	****
Section of the production of the production of the production of the production of the product	ortsmouth and Concord*					0 by 8 to 7 by 9 per 50 feet 7 75 @ e	N. Carolina 6s	601	-				60%
20 by 30 to 24 by 30 16 50 @10 24 by 30 16 50 @10 25 @8 32 by 30 to 24 by 30 16 50 @10 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 17 50 @12 50 25 was also by 44 18 was also by 44 18 was also by 44 18 was also by 45 was a	ichmond, Fredericksh. & Potomac,				-	8 by 10 to 10 by 15 8 25 @ 6 50	Ohio and Miss	********					541
Louis, Alton and T. H., pref. 2,040,000 7 7 7 6 7 6 374 445,596 6 8 7 24 by 31 0 24 by 30 15 - @ 9 - 445,596 6 8 7 25 by 36 to 24 by 30 16 50 @10 - 25 by 36 to 30 by 44 17 50 @12 50 amokin Valley & Pottsville, *guar. 869,450 5 5 30 by 48 to 32 by 48 20 - @13 50 4, Peorla & Warsaw (W. D.) pref. 1,700,000 7 1,700,000 7 1,700,000 7 1,700,000 7 2,74 between the company of the compan	ochester and Genesee Valley*			7		14 by 16 to 16 by 24	· pref				****	76	****
Name	Louis, Alton and T. H., pref				76	20 by 30 to 24 by 30	Pacific Mail S. S. C.	0 924	934				92
amokin Valloy & Pottsville, *guar 889,450 5 30 by 46 to 32 by 48 20 - @13 50 1 M 102	ndusky and Cincinnati, pref	445,596	6	6	374	24 0V 31 10 24 DV 36 16 60 @10	Phila. and Reading	924		****			****
Company Comp	amokin Valley & Pottsville, *guar.	869,450	5				Pitts., Ft. W. & Chi	cago.1314	131		1311	130₫	130
CThe above subject to a discount of 45@50 per cent.	" (E. D.) pref.					Above 25 - @14 50	2 M			****	****		
7	ledo, Wabash and Western, pref.	1,000,000	7	7	- 100	(The above subject to a discount of 45@50 per cent.)	3 M			****	****		****
Alexander Alex	rmont and Canada, guar	2,500,000	8	8		(Single Thick.) (New List Mouth 1141.)	Quicksilver Mining	Co 22	****			224	
1	arren. guar	1,408,300	7	7		6 by 8 to 8 by 10 may 50 foot 8 50 G c	pref			****			
Danal Stocks 1	rightsv., York & Gettysburg, pref.			0			1 M	*******	****	****			
rris, preferred	DANAL STOCKS:					18 by 22 to 18 by 30	Income	bds					
huyikili Navigation, pref. 2,888,997 6 6 34 25 by 36 to 26 by 40 (3 qlts.) 20 — @16 — pref. 28 by 40 to 30 by 48 (3 qlts.) 22 — @18 — 1 M. ex 91 Miscritland Coal, pref. 6 35 (Subject to a discount of 44@50 pref Equipment. 78 78 78 78	laware Division, guar				05.0		new	641			65#	651	65
Mischilaneous Stocks: 30 by 50 to 32 by 56 (3 qits.). 24 — (20 — 2 M	huylkill Navigation, pref		6		34	25 by 36 to 36 by 40	Tol., Wab. & Weste	ern 68	694	69	691		69
imberland Coal, pref	nion, preferred					30 by 50 to 32 by 56 (2 clts)	1 M. ex.						91
	MISCELLANEOUS STOCKS:					32 by 68 to 34 by 60(3 qlts.)	2 M Equipm	ent. 78		78		78	****
Aripona mining, pref 5.774.400 7 1 7 381 English sells at 35 per cent of the above water	ariposa Mining, pref	5,774,400	7		00	(Subject to a discount of 40@50 per cent.) English seils at 35 per cent. off the above rates.	Virginia 6s, ex-coup	on	564			57 ;	67

					AM	R
New York 8	toc	k E	reh	020		
Actual Sale Prices fo						152193
Th.	8. I	7.9. 8	at.10.	M.12.7	u.13.V	V.14
EDERAL STOCKS:				14071		
U. S. 5s, 1871, reg U. S. 5s, 1871, coup			****			
U. S. 5s, 1874, reg	**	••••		****		***
U. S. 5s, 10-40s, coup		105	105	105		105
U. S. 58, 10-40s, reg		1158	105		105	105}
U. S. 68, 1881, coup11	5	116	116			116
U. S. 68, '81, O.W.L. y			****	****		
U. S. 5s, 1871, reg. U. S. 5s, 1871, coup. U. S. 5s, 1874, reg. U. S. 5s, 1874, reg. U. S. 5s, 10-40s, coup. U. S. 5s, 10-40s, coup. U. S. 5s, 10-40s, reg. U. S. 6s, 1881, reg. U. S. 6s, 1881, coup. U. S. 6s, 1881, coup. U. S. 6s, 1881, coup. U. S. 6s, 5-20s, reg. 62. U. S. 6s, 5-20s, reg. 62. U. S. 6s, 5-20s, reg. 64.10	**			****	****	
U. S. 6s, 5-20s, c. 1862.11	91	120 .	120	1201	1201	1201
U. S. 68, 5-208, reg. 04.10	45	115	115	1147	115	1154
U. S. 6s, 5-20s, reg. '64.10 U. S. 6s, 5-20s, reg. '64.11 U. S. 6s, 5-20s, reg. '65 U. S. 6s, 5-20s, reg. '65	25	ii7	117	1137	117‡	117
U. S. 6s, 5-20s, c. 1865.11 H. S. 6s, 5-20s, r. n. '65	08			113		
U. S. 6s, 5-20s, r. n. '65 U. S. 6s, 5-20s, c. n. '65.11 U. S. 6s, 5-20s, reg. '67	3	1134	1137	113	1135	114
		113	113	1135		113
U. S. 6s, 5-20s, c. 1607.11 U. S. 6s, 5-20s, reg. '68 U. S. 6s, 5-20s, c. '68					****	114
U. S. 6s, 5-20s, c. '68 U. S. 6s, Pac.R.R.issue10	131	1137 103#	104	1135	113‡	114 104
U. D. US, I acite tellosticio	nog.	1004	101			
10	614		977			
Philadelphia Actual Sale Prices f						
				Sat.10		
Catawissa		****	35			
Camden and Amboy12	34	34 l 124 l	124	124	124#	124
6s, 1870						
68, 1875	96	****		****	****	****
68, 1883 68, 1889				****	****	
mort. 6s, '89				94	****	***
Elmira & Williamsport		****	****		****	***
76						90
Lehigh Navigation 6s, 1884		304	304	317	32	32
Gold L	931	935	93	933	93	93
Lehigh Valley R. R	55	861 55	55	90%	861 558	55
6s new coup.		94			94	94
6s new reg Little Schuylkill R.R	90	43	96		****	96
78						
Minehill		54			544	54
Morris Canal		****	66			***
6s, 1876			948	****	****	***
North Pennsylvania 68, 1880		****	34)	89	89	***
78		85	****		****	
Northern Central		****	****	****	****	48
Pennsylvania R. R	59	591	594	59	594	59
1st M	95	99 95 102	991	95	****	95
runn State, os, 1st series i	102	102	102	102	102	102
6s, 2d series.1	105	****		105 107	105 106%	***
68, 3d series 68, W. L				4001		100
Philadelphia City, 6s		101	101	1014	981	101
Philad., Germ. & Nor			****	****		
Phila. & Reading	46	46± 103	46		103	
Philadelphia and Erie	281	29	29		28	28
6s		****	****	mol	85	***
Schuylkill Navigation		****		101		
pref		17	17		****	***
6s, 1882 6s, 1876						***
Susq. Canal. 68, 1878 Union Canal, pref.	• • • •					

			12		101	
Hestonville, (Horse) Chestnut & Wal	45	12		-		
Green & Coates		****				
Spruce and Pine	308	****	40			
13th and 1641 -4-	-					

	-	-		_			
1.00	Baltimore	St	ock E	xch	ange		
Actua	l Sale Prices						
D	can be do	W.	7. Th.8.	F.9.	Sat.10	.M.12.	Tu.1
Baltimore	City 6s, 1875.	94	948	941	****		
	1886					****	91
**	1890			92	92	92	92
D. 14	1893				****		***
Dait and ()hio				****		
	bonds, 1875		91				
	1880		****		911	911	
Ar	1885		904				
Marietta d	t Cin. 1st M	87					***
NT	2d M	73	72		****	****	
Northern	Central		. 48	48		****	
	bonds, 1885.			84	84		84
Nr	1900.				824		83
M. W. Va	. 1st mort				931		***
**	2d mort	. 85	t		****		
May 2	3d mort			****		****	***
City Pass	enger R R				****	****	***

03

-					
	Boston	Stock	Exchs	nge.	

Actual S	ale Prices for the	he we	ek endi	ng Ap	ril 14.	
THE THE	Th.8.	F.9.	Sat.10.	M.12.	Tu.13.	W.14
Boston and A	lbany	1491	****	150	1494	1494
Boston and L	owell		****			1354
	laine				1394	138
	rovidence			1314	131	131
	ord & Erie	24 /	24	24	234	23
70	s, new				614	
Cheshire, pre	f	72	711			72
Concord				****		****
Connecticut I	River			130		
Eastern		1131	113	1131	1131	113
Fitchburg	************	134			133	
Manchester &	Lawr'ce					
Michigan Cer	atral			1201		121
Northern, N.	H			****	115	
Ogdens, & La	ke Champ	661			67	
	ref	103			103	103
Old Colony &	Newport	94	94	****	94	94
Ph., Wil. & B	Baltimore		52		514	512
Portl'd, Saco	& Ports		105			
Vermont &	Canada					
Vermont & 1	Mass		571			56
	& C. Eq. 8s	102				****
	lorse)					
Cambridge			97#		98	51,270
Metropolitan		68	68	684		68
Middlesex		65		11.704		
	ng Co	****	****		1	
Copper Falls		81	71	81	84	8
Franklin		17				
Huron					****	
Isle Royale						
National					****	
Minnesota	** ********				****	****
Pewabic	44 ********		101	104	104	
Pittsburg	** *******		208		20	
Quincy		25				****
- Janes						
1 1 1 1 1 1 1						

London Stock Exchange.

Longon Stock Exchange.	
	Prices.— March 19.
Atl. & Cit. West. N. Y. sec. 7 per ct.	MANAGORI AUG
	65 - 70
	55 - 60
Do. Penn., 1st mort., 1877 65 — 70	65 - 70
Do. do., 2d mort., 1882 55 — 60	55 - 60
Do. Consol. 7 per cent. mort. bonds	
£100 paid, 1890 31 — 32	31 - 32
Detroit and Milwaukee 1st mort. 7s 63 - 65	63 - 65
Do. 2d mort. 8 p. c 64 — 67	64 - 67
Erie shares 100 dol. all paid 24 - 25	241- 24
Do. sterlg. 6 p. c. convertible bonds 68 - 70	68 72
Do. 3d mort. 7 p. c. 1883 60 - 65	60 - 65
Illinois Central, 6 per cent., 1875	
Do. Redemption mort. bonds 6 p. c.101 -108	100 -103
Do. 7 per cent., 1875 82 - 84	82 - 84
Do. 100 dol. shares, all paid 964- 97	
Marietta and Cin. R. R. bonds 7 p. c 75 — 80	
Panama General mort. 7s, 1897107 —109	107 -109
Penn. R. R. bonds, 2d mort. 6 per ct 95 - 97	
Do. General mort. 6 p. c. 1910 874 — 88	
Philadelphia and Eric 1st mort. 1881. 89 — 91	88 — 90
Do. with option to be paid in Phila. 89 — 91	89 — 91

American Railroad Journal

Saturday, April 17, 1869.

Stock Exchange and Money Market.

The Money Market has been unusually close and active, nearly all the week, the pressure having been quite severe up to a late hour on Tuesday, when the current rates on call ranged from 7 per cent. gold, to 1/8 per cent. per day, flat. At the close of business on Tuesday, and through perceptible, the leading Government stock houses having been given accommodation at 7 per cent. in currency adding in some instances a fractional commission for the aid. The banks have not been making any considerable fresh advances, even as an exceptional matter. They reduced their loans, last week, nearly 41/2 millions. They reported a further loss of nearly four millions of deposits, and nearly two millions of specie. A slight increase in the legal tender reserve was noted. The Sub-Treasury added nearly three millions to its cash balances, during the week, its receipts from all sources having been over seven millions, while its disbursements on all accounts, were a little short of 41/4 millions, including less

and even the best grades of business paper have been quoted slow of sale at 10@12 per cent, per annum.

The specie reserve of the city banks is now \$8,-794,543, against \$16,843,150 same time last year. The city bank deposits are new \$171,495,580, against \$179,851,880 week ending April 11, 1868. The legal tender reserve amounts to \$48,644,782. against \$51,982,609 same time last year. The circulation now stands at \$34,609,360, against \$24,-194,272 same time last year. The loans are now \$257,480,227, against \$252,936,725 at this date last year. The Bank Exchanges at the Clearing House through the past week, averaged \$135,009,409 a day, against a daily average of \$139,787,282 the preceding week, and \$139,997,747 the week ending with March 24.1869. The current week's exchanges average about \$135,500,000 a day. The city banks, last week, reported a further loss of \$1,943,850 of specie, and \$3,880,201 of deposits, with a gain of \$148,873 of legal tender notes. They reduced their loans, \$4,453,443; and their circulation,

National Bank notes to the amount of \$99.050 were issued last week by the Treasury Department, making the total issue to 1,685 banks thus far, amount to \$313,796,806, against \$282,-555,440 at the close of the fiscal year ending June 30, 1866. From the total issue is to be deducted the currency returned, including worn out notes, amounting to \$13,979,051, leaving, with the existing 1,626 banks, (having an aggregate capital of \$418,858,931,) an actual circulation at this date, of \$299,817,755. The United States bonds held by Treasurer Spinner in trust for National Banks as security for circulating notes amount to \$342,798. 300; and for the public deposits, \$30,875 350making a total of \$373,673,650. The Treasury Department last week redeemed and destroyed \$536,600 of worn and mutilated fractional currency, and issued \$406,000 of new. The outstanding amount of fractional currency on the 1st of April, 1869, was \$36,719,912, against \$36,781,548 on March 1, 1869, \$35,511,127 on Feb. 1, and \$34,-215,716 on the 1st of January.

The U.S. Sub-Treasury receipts, week ending with April 10, were \$7,101,850, including \$2,718,-338 from customs duties; payments, \$4,246,920, including \$437,459 of coin interest; balance at the close of the week, \$89,735,196, against \$86,880,266, at the close of the preceding week, showing an increase of \$2,854,930. The business of the Office during the first two business days of Wednesday, there was a somewhat easier feeling the current week, was as follows: On Monday, receipts, \$1,040,484, including \$458,527 from customs; payments, \$1,393,661 including \$183,000 of coin interest. On Tuesday, receipts, \$930,594 including \$567,481 from customs and, payments \$454,648 including \$26,387 of coin interest. The balance at the close of business on Tuesday stood at \$89,857,966, against \$87,611,306 a week previous; and \$88,518,543, on March 24, 1869. The aggregate receipts of the office in March were \$40.051,331, including \$13,241,405 from customs, aggregate payments, \$40,897,476, including \$3,-698.831 of coin interest.

The outstanding amount of coin certificates on the 1st of April was \$21,672,500 against \$28,775,-560, March 1; \$32,659,520 on Feb. 1, and \$27,than half a million of coin interest. In the dis- 036,020 on the 1st of Jan., 1869. The Sub-Treacount line there has been very little movement, surer at this port issued, last week, coin certificates to the amount of \$308,200, and retired \$2,-854.930 through the receipts for customs. The coin certificates issued by the Sub-Treasury office, during March, reached \$1,793,180.

Government revenues have been yielding more satisfactorily since our last. The excises, last week, yielded about 41/4 millions; customs at the port of New York, \$2,718,338 and at the outports about \$918,000 (in coin) more, making the grand total income for the week equal to about \$9,150,000 in currency. The total receipts of the National Treasury, from excises, during the fiscal year ending with June 30, 1868, were \$191,180,564. The receipts from the same source, thus far in the current fiscal year, commencing with July 1, 1868, have been about 118 millions, according to the latest Washington advices.

Gold has been in more active speculative demand, and more variable in price, ranging from 131%@133%, and leaving off on Wednesday 1323/. There was quite a lively call for cash gold late on Saturday, and as much as 1/21 per cent. was pay for the use of coin until Monday, owing it was said to a temporary difficulty between the Bank of New York, and the Gold Exchange Bank, in the settlement of balances. The past week's exports of specie were only \$326,350; while the imports of foreign specie were \$394,893. On Monday, the City of Brooklyn from Liverpool delivered here £207,000 in specie. There were nearly \$223,000 in specie received from California, change compare as follows with former returns: The customs demand continues to absorb about half a million a day, at this port.

The Gold Exchange Bank clearances on Wednesday, were \$41,092,000, and the resulting balances \$1,622,798 in coin, and \$3,127,504 in currency.

The average amounts of the Gold Exchange Bank loans and discounts last week was \$1,196,-355, average amount of specie \$457,142, average amount of deposits \$931,195.

The customs demand for Gold last week, averaged \$453,056 a day; thus far, this week, it has averaged \$510,000 a day, or equal to a weekly aggregate of \$3,060,000. The arrivals of specie from Europe, Havana and other foreign ports, during the week were \$394,893, and since Jan. 1, \$4,766,948, against \$2,540,021 same time in 1868. The receipts from California, last week, were \$222,296. The total customs revenue of the Government, in coin, at this port, from July 1, 1868, to date was \$98,807,977, against \$88,888,202 same time in the preceding fiscal year. At San Francisco, from Jan. 1, to Mar., 16th 1869, \$1,543,675, against \$1,728,595 same time last year.

The total receipts of California gold at this port, since July 1, 1868, have been \$16,798,343, against \$26,784,299 same time in fiscal year 1867 -'68, showing a decrease in the current fiscal year, of \$9,985,956. The exports of specie, from this port, last week, were \$326,350, against \$891,-807 same week last year; total, since July 1, 1868, \$31,416,963, against \$44,411,282 in 1867-'68. Government disbursed last week through the U. S. Sub-Treasury here, on account of the coin interest on the public debt \$437,459; since July 1, 1868, \$67,891,636, against \$54,517,162 same time in 1867-'68. The specie exports from San Francisco, from Jan. 1, to March 16, 1869, were \$8,830,892, against \$7,490,417 same time in 1868.

more extensive since our last, and under the Money pressure prices have declined. The demand has been very moderate. Bankers' prime sixty day bills on London closed on Wednesday at 1071/2@1077/8, and on Paris to 5.271/2@5.221/2; sight bills on London to 108@1081/2, and on Paris to 5.21% c.@5.20. The offering of produce bills has been quite liberal this week. The week's exports of domestic produce and miscellaneous goods from this port have been to the currency value of \$3,617,388, against \$3,013,398 same week last year; total, since July 1, 1868, \$127,331,660, against \$142,498,735 same time in preceding fiscal vear of 1867-'68.

Government securities have been quite confidently held all through the week, in defiance of the severe price in Money, and in the face of a very moderate demand from investment buyers. The offerings of bends have been comparatively light, and sellers seemed unwilling to modify prices.

U. S. sixes of 1881 closed here on Wednesday at 116%@116%; U. S. Five-twenties of 1862, 1203/8@1201/2; U. S. Five twenties of 1864 at 1151/4@1153/8; U. S. Five-twenties of 1865 at 117%@117%; U. S. Five-twenties of 1865, consolidated, 114@1141/8; U. S. Five-twenties of 1867, 114@1141/4; U. S. Five-twenties of 1868, 114@1141/8; U. S. Ten-forties at 1051/8@1051/4; U. S. Six per cent. currency bonds, 1033/4@1041/4.

The latest quotations at the London Stock Ex-

			Aprll 7.	April 14.
	Consols	931/8	931/8	933/8
	II 8 5-20's of 1862.	833/	835/8	84
•	Erie	243/4	2414	24
	Ill. Central	963/4	9634	963/4
	Atl. and Gt. Western.			301/2

There have been wider fluctuations in railway and miscellaneous share values, since our last, on a fairly active market.

General business has shown more activity in the leading articles of produce, but at lower prices, especially for Flour, Grain, Pork, Petroleum, and Naval Stores. Middling upland cotton closed steadily on Wednesday at 2834@29 cts. per lb. The stock of cotton now here is estimated at about 110,000 bales. The receipts at the port this week, have averaged about 1,200 bales a day. The receipts at all the ports, since Sept. 1, 1868, have been 1,941,000 bales, against 1,952,000 bales same time in 1867-'8; exports, same time 1,051,000 bales, against 1,387,000 bales same time in 1867-'8; stock on hand at latest dates, 357,000 bales, against 261,000 bales same date 1868. Total crops of 1867 -'8, 2,430,893 bales; total receipts at ports year ending Sept. 1, 1868, 2,240,282 bales; total exports thence, same time, 1,657,015 bales. The exports of domestic cotton goods from this port, since Jan. 1, bave been 7,134 pkgs., against 8,235 pkgs., same time last year. From Boston, 3,262 pkgs., against 4,372 pkgs. same time in 1868. Live Stock markets, this week, Beeves have been in moderate demand at from 11@17c., per lb.; week's receipts, 7,482. Milch cows in fair demand at \$40@\$110 each, receipts, 74. Veal calves in fair request at from 9@13c, per lb. Sheep and lambs moderately active at 5@91/2c., per lb.; receipts, 22,756. Swine more active at 10%@1114c. per lb.,; receipts, 18,361. There has been a fair call for foreign merchandise, but the tendency of prices has been generally in favor of purchasers, bury and Erie 7s, 97%; Philadelphia and Sunbury The offerings of Foreign Exchange have been The total imports of foreign dry goods, last week, 7s, 92 Phila. and Reading 6s, 1880, 90; Phila.

were \$2,288,958, and the total amount marketed \$2,888,479. The value of foreign merchandise imported last week, was \$5,693,865-making the grand total specie value of last week's imports of dry goods and merchandise, equal to \$7,982,828. against \$4,522,237 same week last year; total since July 1, 1868, \$210,763,672, against \$182. 859,615 in 1867-'8. The ocean freight market shows more animation, but on the basis of reduced rates generally. For Liverpool we quote flour at 1s. 8d. by sail, and 1s. 6d. by steamer, per bbl.; grain at 11/2d,@2d. by sail, and 2d.@21/d. by steamer, per bushel; cotton at 18d. by sail. and \$\frac{3}{32}d.@\frac{3}{16}d.\$ by steamer, per lb.; and heavy goods 10s.@25s. by sail, and 10s.@30s. by steamer, per ton. Total number of vessels in port on Wednesday, 505.

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The New York exports, exclusive of specie, for the week ending April 13, and since the beginning of the year, compare as follows:

For the week		1869. \$3,617,388 40,982,106
Sings Townson 1	250 000 007	@44 E00 404

The imports for the week ending April 10, and since the beginning of the year, have been as

Dry goods	1869. \$2,288,958 5,693,865
Total for the week Previously reported	\$7,982,828 77,367,354
Since January 1	\$85,350,177 D Wednesday

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns :-

New York .- New Jersey Central 1st mort., 9834; Ohio and Mississippi Consolidated bonds, 841/4; Marietta and Cincinnati 1st mort., 85; New York and New Haven, 120; do., 6s, 94; Dubuque and Sioux City 1st mort., 116; do., 1st mort., 90; Chicago and Milwaukee 1st mort., 881/2; Milwaukee and St. Paul 1st mort., Iowa Division 87; St. Louis and Iron Mt. 1st mort., 83; Toledo, Peoria and Warsaw 1st mort., W. D., 82; Toledo, Wabash and Western consol. bonds, 80; Norwich and Worcester R. R., 104; New York, Providence and Boston, 83; Alabama 8s, 991/2; Ohio 6s, 1886, 102; Michigan 6s, 98; Louisiana 6s, 721/2; do., levee bonds, 71; New York State 7s, Bounty Loan, 1091/2; do, 5s, 1874, 1001/4; Brooklyn 6s, Water Loan, 941/2; Jersey City Water Loan, 93; Adams' Exp. Co., 59; Wells-Fargo Exp., 31; Am. Mer. Union Exp., 401/4; U. S. Exp., 583/4; Western Union Telegraph, 40%; do., 7s, 87; Atlantic Mail S. S. Co., 22; Central petroleum, 0.90; Consolidated Gregory Gold, 3.10; Combination Silver, 8.50; Buchanan Farm oil, 0.53; Bennehoff Run, 0.45; Grass Valley, 1.00; Home oil, 4.95; Liberty gold, 0.03; La Crosse gold, 0.30; Montana Gold, 0.30; N. Y. and Eldorado, 0.42; Pit Hole Creek, petroleum, 1.50; Quartz Hill Gold, 1.40; Rocky Mt. Gold, 0.16; Smith and Parmalee Gold, 2.95; United States petroleum, 1.65; Wallkill Lead, 0.45.

Philadelphia.-West Jersey R. R., 6s, 903/2; San-

ger R. R., 291/2; West Phila. R. R., 61; Allegheny County Comp. 5s, 741/2; N. Y. and Middle Coal Fields, 4.81; Shamokin Coal, 51/8; Locust Mt. Coal, 45; Big Mt. Coal, 57/8; Niagara Oil, 21/4. The latest quotations are: City 6s, 98@981/4; do., free of tax, 101@1011%; State 5s, reg., -@-; do., coupon, 92@93; do., 6s, W. L., 100@1001/2; do. 1st series, 1021/4@1021/6; do., 2d series, 105@ 106; do., 3d series, 1061/2@1065/8; Reading, 461/2 \$465/8; do., 7s, 1893, 103@104; do., 6s, 1880, 90@90%; Camden and Amboy, 124%@1243/4; do., mort. 6s, 1889, 941/4@95; do., 1883, 851/4@87; Penn. R. R., 591/2@595/8; do., 1st mort., 99@991/4; do., 2d mort., 941/2095; Little Schuylkill R. R., 423/@43; Morris Canal, 30@30; do., pref., 65@ 67; do., bonds, 85@86; Susquehanna Canal, 13 @18; do., 6s, 56@5634; Sch. Nav., 9@10; do., pref., 173/@18; do., 6s, 1882, 643/@65; Delaware Div. Canal, 47@48; do., bonds, 80@84; Elmira and Williamsport, 301/2 @32; do., pref., 40@40; do., 7s, 1878, 8916@91; do., 5s, 59@60; Lehigh Coal and Navigation, 32@321/4; do., 6s, 1884, 821/4@83; do., R.R., Loan, 861/4@861/2; do., Gold Loan, 931/2094; North Pennsylvania, 34@35; do., 6s, 881/2@89; do., Chattle 10s, 108@109; Philadelphia and Erie, 283/8@281/2; do., 6s, 84@851/4; Minehill, 54@541/2; Catawissa, 10@—; do., pref., 84%@84%; Lehigh Valley, 54%@55; do., 6s, new, 94@941/4; Fifth and Sixth streets, (horse,) 88@40; Second and Third, 43@45; West Philadelphia, 60@61; Spruce and Pine, 26@30 Green and Coates, 38@39; Chestnut and Walnut, 4604616; Thirteenth and Fifteenth, 171/2018; Girard College, 27@30; Tenth and Eleventh, 70@71; Union, 40@43; Hestonville, 121/2@123/4.

Boston,-Rutland and Burlington 1st mort. 1451/2; Vermont Central 1st mort., 771/2; Old Colony and Newport 7s, 1877, 1003/@1011/4; do., 6s, 1876, 94; Cedar Rapids and Missouri 7s, 1891, 92; Rockford, Rock Island and St. Louis R. R. 7s, 96; Union Pacific R. R. 6s, 87; Cheshire R.R. 6s, 921/4; Burlington and Missouri River R.R. 7s, 87; Summit Branch R. R., 22; Indianapolis and Cincinnati R. R., 1834; Cincinnati, Sandusky and Cleveland R. R., 221/2; Rutland R. R., 32; Conn. and Pass. Rivers R. R., pref., 871/2; Cape Cod R. R., 661/2; N. Y., Providence and Boston R. R., 79¾; Boston Water Power Co., 17¾; Essex Co., 1181/4; Waverly Land, 15/8; Short Mt. Coal, 13; Rhode Island 6s, 991/2; Vermont 6s, 1891, 991/2; Massachusetts 5-20s, currency, 1011/4; Bath 6s, 1898, 91½; Augusta 6s, 1870, 99¾; Albany 6s, 1886, 9334; Bangor 6s, 1894, 92; Chicago 7s, 953/4@961/4; Salem 6s, 10-50s, 100; Cambridge 6s, 1875, 991/4; Boston 6s, 1876, currency, 1015/8; do., 5s, 1886, gold, 106; Cincinnati 6s 1885, 871/2; Allouez Mining Co., 41/2; Concord, 2; Ridge, 5; Star, 371/2c.

Baltimore. - Maryland Defense Loan, 997/8; Virginia 6s, old, reg., 493/4; do., coupon 6s, old, 56%; do., 1867, reg., 50; Western Maryland 2d mort. pref., 50; Richmond and Danville bonds, 72½; Virginia and Tennessee 4th mort., 72; Central Ohio R. R., 32; Baltimore Copper, 481/2; Santa Clara, 1.50; Mineral Hill, 0.04; George's Creek Coal, 671/2. The latest quotations are: Balt, and Ohio, 118@119; do., 6s, 1875, 911/4@

mort., 88@90; do., 3d mort., 1873, 83@85; do., unguaranteed, 20@-; Marietta and Cincinnati 7s, 1892, 87@881/4; do., 2d mort., 723/4@78; Central Ohio, 31@32; do., 1st mort., 82@83; Western Md. 6s, 1890, 68@72; do., guar., 87@90; do., 2d mort., guar., 87@90; Richmond and Danville bonds, 73@-; Baltimore 6s, 1875, 901/2@92; do., 1886, 913/492; do., 1890, 92@921/4; do., 1893, 92@ ; do., 5s, 1838-'70, 73@75; City Passenger R. R., 18@1814; George's Creek Coal, 671/2@ 671/6; Santa Clara, 1.50@1.55; Atlantic Coal, 2.80@3.25.

A DESIRABLE INVESTMENT. LOUIS, VANDALIA AND TERRE HAUTE RAILROAD CO. FIRST MORTGAGE 7 PER CENT. BONDS. TWELVE THOUSAND DOLLARS PER MILE GUARANTEED BY-The Terre Haute and Indianapolis Railroad Company. The Columbus, Chicago and Indiana Central Railway Company. The Pittsburg, Cincinnati and St. Louis Railway Company. The Pennsylvania Railway Company, for sale by LUDLOW THOMAS, 39 Pine street, New York.

Illinols Central Railroad.

The statement of this Company for the month ending March 28, 1869, is as follows:

TAND DEPARTMENT.

Acres Construction Lands Sold	9.621.22 for	\$94.186.28
Acres Int. Fund Lands sold	174.41 for	2,712 05 19,790 48

Total sales during month of March, 1869......11,216.14 for \$116,688 81 To which add Town Lot

Total of all 11,216.14 for \$116,768 81 Cash collected in March.....\$206,124 43

TRAFFIC DEPARTMENT. Receipts from Freight\$369,781 00

uv.	T WOODTHE OTH	TOO, OUT I
do.	Mails	6,358 33
do.	Rent of Road	4,000 00
do.	Other Sources	90,000 00

Total Receipts in March, 1869......\$608,730 43 Total Receipts in March, 1868......\$390,353 34

Estimated earnings in the month of March, on the D. & S. C. R. R.,

not included above......\$102,828 90 Corresponding month of 1868 \$52,668 40

Changeable Gauge Cars.

The "National Despatch Line" have now running a through line of changeable gauge freight cars between Boston and Chicago, passing over the Boston and Lowell and Nashua, Concord, Northern (N. H.,) Vermont Central, Montreal and Vermont Junction, Grand Trunk and Michigan Central Railroads, comprising the 4 ft. 81/2 @5 ft. 6 in. gauges. Two hundred of these cars are now under contract, all of which will be completed by the first of July. One hundred have already been delivered, and are now running on the line, a part of them since the first of January, and it is intended immediately to increase the number of cars to 500, and afterwards further to increase the 91%; do., 1880, 91@91¼; do., 1885, 90@90½; stock as the business may require; thus furnish-Northern Central, 47% @48; do., bonds, 1885, 84 ing to Boston and other New England cities and @841/8; do., 1900, 821/2@83; Parkersburg Branch, towns another expeditious through freight line quality.

and Trenton R. R., 12314; Germantown Passen- 23@24; N. W. Va. 1st mort., 93@931/6; do., 2d without trans-shipment to and from Chicago and other Western cities.

> Pittsburg, Ft. Wayne & Chicago Railway. The following is a statement of the approximate earnings and expenses of this company during the month of March, as compared with the same period of the year 1868:

100 A	Liver days mile gen	1869.		1868.	(A)
From	freight	\$497,126	05	\$450,767	08
11	passengers	221,818	10	212,152	81
46	express matter	10,651	50	10,257	00
66	mail	7,825	00	7,825	00
41	rent of railway	7,083	34	7,083	34
**	miscellaneous	1,000	00	1,232	16
	Total	\$745,508	99	\$689,317	34
Expe	nses	404,549	64	397,240	81

Net earnings\$340,954 85 \$292,076 58 This shows a decrease in earnings of \$56,186 65: with a decrease in expenses of \$7.808 82making the increase in net earnings, \$48,877 82.

The earnings and expenses, from January 1 to March 31, compare as follows:

1869. Earnings\$1,957,222 80 \$1,799,138 50 Expenses 1,249,747 09 1,186,085 37

Net earnings..... \$707,475 71 \$613,058 13 This shows an increase in earnings of \$158,084 30; with an increase in expenses of \$63,661 72making the increase in net earnings, \$94,422 58.

The Macon and Western Railroad Company have declared a stock dividend of 331/2 per cent, out of the earnings that have heretofore been invested in the construction and improvement of the company, payable on and after the 15th of May. Stockholders registered in New York will receive their dividends at the National Bank of the Republic. No fractional shares will be issued, and no transfers will be made after April 25 until May 15.

The President has approved the act recently passed by Congress, to extend the time for the Little Rock and Fort Smith Railroad Company to complete the first section of twenty miles of said road. Also the act to amend an act, entitled "An act granting land to aid in the construction of a railroad and telegraph line from the Central Pacific Railroad, in California, to Portland, in Oregon," approved July 25, 1866.

The tunnel on Crooked Creek, near Marble Head, in Bollinger Co., Mo., on the line of the Iron Mountain Railroad Extension, has been opened to daylight. It is about 1,000 foet in length. The road bed of this road is now complete, and the company are only awaiting the arrival of rails to finish twenty-five miles, when the entire line will be opened.

The earnings of the European and North American Railway in March, 1869, were \$12,360, against \$10,871 in March, 1868-an increase of \$1.489.

Concord, N. H., has pledged nearly \$75,-000 toward the extension of the Concord and Clarement Railroad. The final survey will be commenced as soon as the ground is settled.

The New Orleans and Opelousas Railroad has just concluded a contract for one hundred and sixty tons of English railroad iron, extra From Herapath's Railway Journal.

American Locomotives and Rolling Stock, Mr. Zerah Colburn, M. Inst. C. E., read a paper upon the above subject before the Institution

of Civil Engineers on the 9th ult.

It was remarked that, in construction and working, the American railways represented little more than a modified application of English practice. When the systems of the railway machinery of the two countries were compared, many of the differences which first struck the eye were found to be external rather than fundamental; and so, too, many of the peculiarities of construction now retained in America were due to the initiative of English Engineers.

Pursuing the history of the introduction of locomotives into the States, it was observed that the first two worked in America were made in England, in 1828, one by Mr. George Stephen-son, the other by Mr. J. U. Rastrick. In the same year the engineers of the then contemplated Baltimore and Ohio railroad visited this country, when Mr. Robert Stephenson suggested to them what was now the distinguishing feature of all American railway rolling stock, viz.: the bogie, to be applied to the engines intended to work round curves of 6 chains radius, at that time proposed to be adopted. The bogie grown out of William Chapman's The bogie, which had Chapman's invention of 1812, was then, Mr. Stephenson stated, in regular use upon the quays of Newcastle. Having regard to the character of the lines first constructed in the States, it was essential that the locomotives should be light and cheap, and the first engines made there, between 1830 and 1832, weighed only from 3½ tons to 4 tons, Some of the English from 31/2 tons to 4 tons, Some of the Engbuilt engines imported at about that time their leading wheels removed, and a swivelling bogie substituted. The bogie, was not, however, exclusively employed. Considerable numbers of engines made by Messrs. Stephenson and Co., Messrs. Bury, Curtis, and Kennedy, Messrs. George Forrester and Co., and Messrs. Braithwaite and Co., were afterwards imported and worked as originally constructed; and, as late as 1855, at least one hundred locomotives of English construction, or made almost exactly upon Messrs. Stephenson's plans, could have been counted at work in the States. For many years wood only was employed as fuel, and as it pro-duced great quantities of sparks, as annoying to passengers as they were dangerous to much ingenuity was directed to the problem of separating and withholding them from the escaping smoke and steam; and the voluminous "spark arresters" were very successful in this re spect, while they gave also an individuality to the engines. Again, the rigours of the American winters compelled the adoption of some kind of shelter for the enginemen and firemen; and this was afforded by the bulky, and often extrava-gantly painted "cabs," which imparted a novel appearance but without in any way affecting the principles, or economical conditions of working,

of the engine. As high speeds were seldom attempted upon the early American lines, the greatest steam tractive power was sought and obtained, both by working high-pressure steam and by employing driv-ing wheels of small diameter. Thus, although, in 1835, the English built engines, and those copied from them, were worked at 50lbs. pressure, had five feet driving wheels, it was not long before American practice settled upon 90lbs, to 100 lbs. pressure and 4ft. or even 3ft. 8in. driving wheels. It was soon found, however, that the adhesion weight upon a single pair of wheels, necessary to work up this increased steam tractive force, was too great for the strength of the way, and coupling was then resorted to; and with the exception of a few light tank engines on branch lines, there was not probably an engine in the States having single or uncoupled driving wheels. Four tons might be said to have been the maxium per wheel for many years, while

gines, whereby the weight was not only equalled between the coupled wheels, but the effect of a joit upon one pair was divided and distributed, through the springs and levers upon the other pair. For some years, too, the bearings of the outer ends of the springs of the coupled wheels were made to rest upon india-rubber blocks.

The details were then given of several descriptions of engines long worked on the Baltimore and Obio and Reading railroads, as well as of that employed to work the incline of 1 in 16½ and 1½ mile long, at the Madison terminus of the Madi son and Indianapolis railway. Compared with English practice, in which six-wheeled coupled engines had from 5 tons to 6 tons on a wheel, and eight-wheeled coupled engines had 7 tons on a wheel, it was observed that the subdivision of weight in American engines was carried about half as far again, or, in other words, that they averaged only about two-thirds as much weight per wheel, and that they thus required, for a given total weight, half as many more wheels. Except with smaller wheels, this could not be done on any practicable length of wheel base, but none of the American goods and bank engines of which the particulars had been given, had wheels larger than 3ft. 11in. in diameter. There were objections also, of much weight, to coupling a large number of wheels from a single pair of cylinders. It was more or less difficult, if not impossible, to preserve an exact equality in the diameter of the wheels, an exact parallelism of the axles, and an exact equality in length of the coupling rods. The extent to which coupling had been caaried in American goods engines had been due, in a great measure, to the following expedients. The coupled wheels were as equally loaded as possible; Their tyres, in a majority of were of chilled cast-iron, since replaced by steel; and the former were cast, and the latter turned, nearly or quite to a cylindrical form, or with but little or no cone. The driving wheels were the middle pair, or, in the case of an even number of pairs, one of the pairs nearest to the mid length of the wheel base; compensating levers were employed, and adjusting wedges had for some years been applied to the axle boxes. coupling rods, in many cases, were made without brasses, round steel bushings being fitted to circular eyes formed at the exact required distance apart in the ends of the rods. With the exception of the leading and trailing wheels, the coup-led wheels were generally fitted with plain cylindrical tyres having no flanges. Outside coupling cranks, necessary with outside frames, had rarely been employed, and were never so now. coupling rods were counterweighted, within the wheels themselves, no attempt being made, in inside cylinder engines, to set off their weight against that of the cranks and attached parts. In other words, the coupling pins of the driving wheels were coincident, on each side of the en-gine, with the position of the crank in inside cylinder engines, and, of course, necessarily so in outside cylinder engines. The experience of American locomotive engineers had been to the effect that with this arrangement, which was the opposite of English practice, the axle-boxes work more uniformly, and that there was less "knocking" where a little play in the horn plates had once begun. And lastly, the length of the crank being one-half the radius of the small coupled wheels employed, any inequality in the length of the coupling rods was attended with less slipping and binding than where, with larger wheels, the crank was but about one-third the radius of the

necessary to work up this increased steam tractive force, was too great for the strength of the way, and coupling was then resorted to; and most cases outside cylinders—indeeed inside cylinder on branch lines, there was not probably an engine in the States having single or uncoupled driving wheels. Four tons might be said to have been the maxium per wheel for many years, while three tons was the more usual average. Compensating levers, generally made of long steel springs, were now employed on all American ensured to wheels of from 5 feet to 5 feet 8 inches in diameter.

Such engines would exert a tractive force of 31 tons to 4 tons in starting, for which their adhesive weight, assisted sometimes by sand, was sufficient; and thus they could get quickly away from stations even with trains of a gross weight of two hundred tons or more. Economy of fuel had not been studied to the same extent in Amer ica as in English locomotives; the biast pipes of the former were smaller, the draught more forced the back pressure greater, and less expansion was attempted in the cylinders, the link motion being generally arranged to cut off at one-third stroke as a minimum, and at nine-tenths or more as a maximum. It was thus that boilers of moderate size were made to supply steam for work equal to 300 I. H. P., or the exertion of upwards of 2 tons of draught upon a passenger train at a mean speed of 25 miles an hour; but there was nothing remarkable in the consumption of from 50lbs, to 60lbs, of coal per mile in such work. It was stated that on the Pennsylvania Central railroad, a line 356 miles long, with gradients of 1 in 100 and 1 in 55, the consumption of coal for both goods and passenger trains amounted on an average to about 70lbs, per train mile, the goods mileage being three and a half times the passenger mileage. The coal was of excellent steaming quality, and cost about 3½d. in currency, or 2½d. in coin, per train mile. At this rate a difference in consumption of 24lbs. of coal per mile would only cause a variation of a penny per mile in the cost of fuel; and it had been argued that such a waste was better than the alternative of employing an engine 4 tons or 5 tons heavier, to work with a less rapid rate of combustion, a slower piston speed, and more expansively.

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The policy of American railway managers with respect to goods traffic, as it was also the policy of the managers of most of the French lines, was maximum loads at slow speeds, involving a maximum resistance per ton, and correspondingly a maximum working expenditure per ton.

No experiments upon the dynamical efficiency of American engines had been made, so far as the author was aware; but he had run an experimental train on the Erie railway, over the whole length of the line and back, a total distance of nearly 900 miles. The same engine was employed throughout the run, occupying in all nearly
three weeks, making an average for each week
day of about 50 miles. The results of these experiments appeared to show that the resistence of
bogic rolling stock, even under disadvantages,
was less than that of English rolling stock as ascentrical by the best tables its advantage by certained by the best authorities, and also that the ratio of adhesion to weight averaged considerably more in the States than in England. With respect to adhesion, as the surfaces in contact were identical with those on English railways indeed the rails and tyres in general use in the States were commonly of English manufacture— any difference in this respect must be attributed partly to the influence of climate and partly to a better application of sand, when necessary to increase the bite upon the rails. The sand was dropped equally upon both rails, not in intermittent handfuls down a pipe on one side of the engine only, but by means of the hand gear and regulating valve since adopted on the North London railway. The experiments in question were, no doubt, influenced by the favorable circumstances of weather, and something was to be allowed also for the great length of train drawn, very long trains having a less tractive resistance per on a level than short ones, and something, possibly more than was commonly supposed, might have been due to the use of oil-tight axleboxes, the saponaceous compound known as "railway grease" being nowhere in use on railways in the States. Messrs, Guebhard and Dieudonne's experiments, made in 1867, on the Eastern railway of France, showed a considerable diminution in the resistance of oil-boxed rolling stock as compared with that fitted with grease

With regard to the expense of maintenance, it was stated that the average cost of engine repairs in the States, exclusive of those renewals which

SAMBUOL CAUMINAL MADIMUMA

mounted to building a new engine, might be taken as a maximum at 10 cents currency per train mile, equal to 3td. in coin. Of this, the absolute difference in the cost of labour and materials would account for nearly or quite 1d., leaving 2fd. to 3d. as the cost at English prices. Again, the manner in which these repairs were conducted showed a want of system and organization, and the shops were not fitted with some of the appliances considered essential in this country. Whatever economy in repairs might attach to the merican engines was due, after allowing for the moderate working speed, to three causes onlyviz., the use of the bogie, of chilled cast-iron bogie wheels (which could be renewed at a cost of from £2 to £2 10s. each, after allowing for the value of the wheel taken out as old iron), and of steel or iron fire-boxes and iron tubes. About twelve or fifteen years ago, the average mileage of American engines, taking the full stock of the leading lines, was not above 15,000 miles yearly—now it was probably not far short of 20,000 miles, and on some lines it might be even more.

There remained the consideration of the carriage and wagon stock, with reference to its me-chanical peculiarities and its commercial relation to traffic. The earlier American carriages were made upon the English model, but it was found, not only that a short wheel base was required for six chain and nine chain curves, but also that side buffers aggravated the difficulty. The bogie, al-ready in use on the engines, was, therefore, adopt-ed for the carriages, and it was soon discovered that the length of body could be considerably increased, and that the longer it was the steadier it became. But the long bodies precluded the use of side buffers, and so the central buffer with a loose coupling took their place. End doors afforded an obvious means of economy in the structure of the carriage, and left the whole depth of the body below the window-sills available for any combination of trussing, most effective for carrying a comparatively long span. The end doors, with a continuous passage throughout the carriage, afforded obvious facilities for communica-The central passage required an additional width of carriage, and from 9ft. to 9ft. 6in. was a common outside width; while in some cases, even on the narrow guage, a width of more than ten feet had been adopted. The widths allowed seats for four passengers across, and for the longitudinal passage dividing the seats. The seats had reversible backs, so that the passenger might face either way, the carriages running in either direction without turning. It was undeniable that the seating was not so roomy and comfortable as in an English first-class carriage, and that, as compared with a second-class carriage, there was a certain loss of space. It was equally undeniable that such carriages could never answer for short traffic lines, where forty, fifty, or more passengers had to leave, and as many more to enter, in a minute or a minute and a half. The long body, however, with end doors and platforms, possessed obvious mechanical advantages. Its length gave steadiness, and the depth below the window-sills afforded ample opportunity for providing vertical stiffness without undue increase of weight. There were no cross partitions; there were but two doors where English carriages would requre, for the same number of seats, according to class, from twelve to twenty-six; there was much less sash and glazing, while there was at the same time more light; there was an important saving in respect of draw-springs, buffers, buffer rods, and seem couplings and there was a very facility and screw couplings, and there was every facility for applying brakes, as was always done in the States, to every wheel in the train, either from the platforms of the carriages themselves or from the phasiorms of the carriages themselves of from the engine. It was an advantage of the long body, with its corresponding weight and number of wheels, that the application of the brakes, how-ever suddenly, did not produce the jolting of which passengers complained so much when the same thing was attempted upon English carriages. which passengers complained so much when the same thing was attempted upon English carriages. Passenger carriages upon the double bogic plan were made of various lengths, from 45 feet to 60 visions of the law, as approved by the people, and all, by the New Jersey Zinc Company.

weighed, empty, 12 tons and upwards, or from 16 tons to 22 tons loaded. Some notice was next given of Pullman's hotel car, and of the carriage, built by Messrs, Winans, for the Emperor of Russian Theorems 18 to sia. The improvements which had been effected in the engine and other bogies were then alluded to, and a description was given of the oil-tight axle-boxes, as well as of Loughridge's and of Creamer's continuous brakes.

In comparing the cost of maintenance of American carriage and wagon stock with that on English lines, many considerations were to be regarded. To say that the cost, in 1867, on the 1,612 miles of railway in the State of Massachusetts, for a train mileage of nearly ten million miles, was 6.55 cents, currency, or about 21d. coin, per train mile, did not permit of any accurate deductions. In the States, the average number of pass-engers continuously carried over the whole distance made by a train was generally one-half greater than in England, although the proportion of dead weight to live load was probably nearly as high as in this country; the speed was less, and there remained the fact that labor and nearly all materials were much dearer. On the other hand, there was a considerable saving in the use of chilled cast-iron wheels, such a thing as a wheel-turning lathe for carriage or wagon stock being unknown in the States; the maintenance of the buffer and draw springs cost much less; the maintenance of the carriage bodies was cheaper, from their greater strength and simplicity of structure, and from the fact that there were no side doors to slam.

One objection to the use of chilled cast-iron wheels, not referred to in the earlier portion of the paper, was that, being almost necessarily of the disc form, their weight increased in a ratio nearly as the square of the diameter, and thus the largest railway carriage wheels yet employed in the States were but 3ft., and this size was long ago discontinued in preference for 2ft. 9in. In the case of cast-iron spoked wheels, the chill was less hard opposite the ends of the spokes than else

where, and thus they soon showed flat spots.

It might be said, in conclusion, that if American railway practice were in any or many respects more daring than that which prevailed in this country, failure, if not too often repeated, was regarded in the cousin country as a misfortune, while here, funless it proceeded from causes absolutely beyond prevision, it was rightly regarded as a fault, a misdemeanour, or even a

Railroads of Arkansas.

The following communication has been made to the Arkansas Assembly by J. H. Barton, private Secretary to the Governor, notifying that body of the award of State aid to railroads:

I am directed by his excellency, the Governor to inform your honorable body, that at a meeting of the board of railroad commissioners, held March 15th, 1869, he was instructed, as President of said board, to report to the General Assembly the result of the action of the board in awarding State aid to certain railroad incorporations in the

Whilst it was at first deemed advisable by the railroad commissioners not to award aid to any of the railroad companies until a bill was passed by the General Assembly making provision for the funding of the outstanding indebtedness of the State, and thereby giving confidence in our State aid as applied to railroad enterprises, yet the re-cent action of the upper house of the General Assembly, and a conference with some members of the lower house, have induced the board to conclude that an immediate award of the State aid is desired by a majority of the members, and

feet, exclusive of the additional 2 feet 6 inches at having perfect confidence in the intention of your each end for platform and covering porch. They body to pass a general funding bill at an early accommodated from 60 to 84 passengers, and day, and being desirous of acting in conformity with the will of the people, the board of commis-sioners, after a careful investigation of the various railroad companies asking State aid have made the award to the following incorporations, they

having complied with the provisions of the law:
To the Cairo and Fulton Railroad Company,
three hundred miles of its line; to the Little Rock
and Helena Railroad Company, ninety-eight miles of its line; to the Memphis and Little Rock Railroad Company, ninety miles of its line; to the Little Rock, Pine Bluff and New Orleans Railroad Company, for that portion of the road which lies between Pine Rluff and the State line, commencing at Pine Bluff and running the line of the road toward the State line, one hundred and twelve miles; to the Mississippi, Quachita and Red River Railroad Company, so much of the road as lies between Camden and Mississippi River, not to exceed one hundred miles.

The board took into consideration the application of the Memphis and St. Louis (levee) Rail-road Company, but Congress having been memo-rialized to aid in the construction of a levee and railroad bed along the west bank of the Missis. sippi River, and there being a strong probability that such aid will be given, the board declined to accept the application of the said St. Louis and Memphis Railroad Company for State aid.

No award of State aid was made to the Western Border Railroad Company, by the board, as no application had been made and the law had not en complied with.

The board also refused to accept the application of the Pacific and Great Eastern Railroad Company, not being satisfied that the resources of the company were sufficient, with the State aid, to enable them to finish the road, it being a work

of great magnitude.

I am further directed to say, by his excellency, on behalf of the board of commissioners, that they have not awarded State aid to any road running from Little Rock to Fort Smith. They have, however, reserved aid to the amount of 150 miles, to be hereafter awarded to one of three incorpo rations, two of which are claiming the same right of way and the same land grants, and one of which has been reported upon by the Senate of the United States at the last session as a part of the 35th parallel road to the Pacific.

The commissioners are undecided in reference to the proper selection and award to be made for these routes, but are of the opinion that Congressional action will throw light upon and probably decide this question. For these reasons the board of railroad commissioners has deferred taking any action for the present in respect to these routes.

Railroads in New Jersey.

The large transportation business in the western part of New Jersey, occasioned by the working of the ores, has given an impetus to railroad construction in that part of the state. The Sussex Railroad extension is finished to within a mile of Franklin. The Branchville Road being principally agricultural, is not pushed so rapidly. The Sussex extension is to be continued to Hamburg and Vernon, and a connection will finally be formed with the Warwick Valley Road, a branch of the Erie. From the Hamburg line, about one mile from the village, it is intended to build a spur to the Pochuck hematite mine. In addition to these roads there are other projected lines, as from the zinc mines at Franklin to Andover, from Newton to Belvidere, and from Hackettstown to Water Gap; the principal objects of the two latter roads being to supply the furnaces with anthracite coul from the Pennsylvania mines. The projected road from Franklin to Andover is to be built, if built at Journal of Railroad Law.

WHEN CARRIERS EXEMPTED FROM LIABILITY AS IN SURERS-SPECIAL CONTRACT-STATEMENT OF VALUE OF PROPERTY IN RECEIPT-WHEN CON-TRACT DEEMED TO BE ASSENTED TO.

The following are the facts in the late case of Boorman vs. The American Express Company (21 Wis., 152) which was an action for injuries to a violin carried by defendent for plaintiff from Milwaukee to New York City. The answer alleged that defendant had no knowlege or informa tion sufficient to form a belief as to the alleged neglect and wrongful acts; and that it received the violiu under a special agreement, as follows: "Received of C. Boorman one box, said to contain instruments valued at - dollars, marked Geo. Germunder, New York N. Y., which we undertake to forward to the nearest point of destination reached by this company, subject expressly to the fellowing conditions, namely: This company is not to be held liable for any loss or damage except as forwarders only, nor for any loss or damage by fire, by the dangers of navigation, by the act of God or of the enemies of the government, the restraints of government, mobs, riots, insurrections or pirates, or from or by reason of any of the hazards or dangers incident to a state of war. Nor shall this company be liable for any default or negligence of any person, corporation or association to whom the above described property shall or may be delivered by this company, for the performance of any act or duty in respect thereto, at any place or point off the established routes or lines run by this company for any such person, corporation, or association is not to be regarded, deemed or taken to be the agent of this company for any such purpose. * * * Nor shall this company be liable for any loss or damage of any box, package or thing, for over \$50, unless the just and true value thereof is herein stated; nor upon any property or thing unless properly packed and secured for transportation; nor upon any fragile fabrics, unless so marked upon the package containing the same; nor upon any fabrics consisting of or contained in glass. The party accepting this receipt hereby agrees to the conditions herein contained." (Signed by the company's agent.)

On the trial, after the plaintiff had introduced evidence of the shipment, the condition of the instrument when shipped, the manner in which ft was packed, its condition immediately after its arrival at New York, and the amount of damage sustained, he produced, upon demand of the defendant, the original receipt, &c., as above stated which he admitted was delivered to him at the time of the delivery of the violin to defendant; and said receipt, &c., was put in evidence by the defendant. The court refused to allow defendant to prove that the violin was not broken through its negligence, holding that the answer did not deny the averments of the complaint on that point. It also refused to allow an amendment of the answer so as to make it deny absolutely those averments. Some evidence was then introduced by defendant as to the amount of damage sustained by the plaintiff. The court instructed the jury as follows: "If the receipt was expressly agreed to, or by fair implication an agreement could be presumed, it might be binding. The burden of proof is upon the defendant, to show the contract by the agreement of the parties, He but instructed the jury that there was no proof hitherto been excluded.

asks me to instruct you that there was an agreement between the parties for the transportation knew and assented to its conditions, the burden of this violin to New York. This I decline to do, because the terms and conditions are entirely outside of a simple receipt. They go to discharge the defendant from its common law liability, and there can be no limitation of this liability except by an express contract, and unless the party taking the receipt knows the terms and conditions therein expressed, there can be no assent to them. The real question is, whether the plaintiff knew of the stipulations and conditions contained in the receipt. I do not recollect of any testimony bearing upon that point, except that of the plaintiff, who appears to be a German, and who required the assistance of an interpreter in giving his testimony before you. He testified that he took the box to the defendant, and asked him how much there was to pay. They told him. He paid them, took the paper, and went away. It is for you to say whether this was a contract. In my opinion it was not, but it is for you to determine."

The following is the opinion of the court by Dixon, C. J .- The answer of the defendant is a sufficient denial that the violin was carelessly. negligently and wrongfully split and broken as alleged in the complaint, to put the plaintiff upon proof of those allegations, and consequently sufficient to let in the rebutting evidence offered by the defendant. It was error to reject such evidence. An answer denying any knowledge or information sufficient to form a belief as to facts presumed to be within the knowledge of the defendant, or of which he can easily inform himself. is bad; but such is not the nature of the facts here put in issue. The defendant, the express company, which is no more than a co-partnership doing business under that name, transacts its business through a multitude of agents residing in different parts of the country, and the knowledge of such agents is not for this purpose the knowledge of their principals, the proprietors of the company. Neither can the proprietors readily avail themselves of or acquire the knowledge of their agents. This would be extremely difficult in the first place, on account of the great number of such agents residing in places remote from each other and from the proprietors themselves; but more especially, because the guilty or negligent agent in every such case is adversely interested. He might evade inquiry, or give false answers. To hold, therefore, that the proprietors must know the facts, or obtain correct information of them, before they can answer to an action. would, in very many cases, be equivalent to an unqualified denial of justice. We are of opinion that such is not the rule of law, and that the answer in its present form is sufficient.

In deciding this point we may perhaps, be acting outside of the record. It may be that the business of the company, and the manner in which it is transacted, should have been stated in the answer, and shown at the trial, by way of justifying the form of denial employed; but we assume, as was assumed by the counsel at the bar, that this was unnecessary.

The contract embodied in the receipt, if intelliently made, is good in law and binding upon the daily trains between those cities-including the parties. The court below was of this opinion, 8.40 P. M. through train, from which they have

that it was intelligently made, or that the plaintiff of which proof, the jury were informed, was upon the defendant. The receipt and contract was shown to have been in the possession of the plaintiff. It was produced by him at the trial, upon notice given by the defendant. We think that the rule of law in such a case is correctly stated in King vs Woodbridge 34 Vt., 571-2, that, the paper being shown into the custody of the plaintiff, a due and proper delivery of it to him, and his assent to its terms, are to be presumed, and that the burden is thrown on the plaintiff to obviate these presumptions by proof. It is for the plaintiff, then, to show the circumstances under which the paper came into his possession, that he never assented to its terms, and that there was no such delivery of it as to make it operative as a binding contract.

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It is to be observed with reference to the conditions of this receipt, that they do not involve the much vexed question as to whether a common carrier can protect himself by contract from liability for losses occurring through his own negligence or misconduct, or the negligence or misconduct of his own agents or servants. The conditions in question do not purport to guard the express company against liability for losses thus arising. They purport merely to exempt it from liability as insurer; from losses arising through the default or negligence of any other person, corporation or association to whom the property shall be delivered by the company for the performance of any act or duty in respect thereto, at any point or place off the established routes or lines run by the company; and from liability for any loss or damage of any box or package for over \$50, unless the just and true value is stated in the receipt, or upon property not properly packed, or fragile fabrics not so marked upon the package, or fabrics consisting of or contained in glass. All these are conditions which a common carrier may lawfully make; and if assented to by the shipper, we believe there is no conflict of opinion but that they will be binding upon him.

By the Court .- The judgment of the county court is reversed, and a new trial awarded.

Chester Creek Railroad.

The new Chester Creek Railroad, connecting the Baltimore Central with the Philadelphia, Wilmington and Baltimore Railroad, was formally opened on the 13th inst. The Chester Creek Railroad makes a junction with the Philadelphia, Wilmington and Baltimore Railroad at Lamokin Station, a short distance below Chester, but within the city limits, and follows the creek to the West Chester junction, a distance of 61/2 miles.

The Cincinnati Inquirer states that, the directors of the Cincinnati, Hamilton and Dayton Railroad having refused to complete the lease to the Erie and Atlantic and Great Western Companies, the Erie management have engaged the Little Miami and the Cleveland, Columbus and Cincinnati roads to carry all the freight brought by the Erie.

Passengers to and from New York and Philadelphia are now received on all the fourteen

M. E. F. Falconett, Engineer, has com-

BOOTH'S DUPLEX. steel and Iron Rails,

Now fully demonstrated to be the TRUE STEEL RAIL, we are now ready to negotiate with Railmad Companies for its adoption under such arrangements and suggestions as we will upon application by letter or in person make known to them. Opening a new era in Railway economy hitherto unprecedented. All communications must bear the signature of either the President, Vice President, Superintendent or Engineer.

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FREIGHT CARS.

10 FIRST CLASS BOX. 10 First Class Flats. Very cheap and for immediate delivery.

EDWARD P. BIGELOW. 48 Pine street, N. Y.

TO CONTRACTORS.

Pittsburg and Connellsville Railroad

PROPOSALS WILL BE RECEIVED up to Saturday,
May 1st, inclusive, for the GRADUATION, MASONRY and BALLASTING of the remaining 47 sections of this road, situated at intervals upon the 90 miles
between Connellsville and Cumberland.
Specifications will be ready for distribution at the Pittsburg and Cumberland offices on Friday, the 9th of April,
and all information necessary to the proper examination of
the work will be afforded by the engineers upon the line.
By order of the President and Directors.
BENJ. H. LATROBE, Chief Engineer.

OFFICE PITTSEUEG AND CONNELLSVILLE R. R. Co., 2
Fittsburg, March 18th, 1869.

LOCOMOTIVE WORKS.

FOR SALE.

The PROPERTY situated at Jersey City, known as the JERSEY CITY LOCOMOTIVE WORKS,

Consisting of 24 full lots on Morgan, Steuben and Warren streets, with substantial buildings and machinery of the best description, ample for the manufacture of six to seven first-class locomotives per month. This property, from its vicinity to the city and to several of the leading mairoads of the country is well worth the attention of those desirous of engaging in the manufacture of locomotives and other machinery. Apply to

C. KNEELAND, No. 49 William st., W. G. HAMILTON, No. 24 Broadway,

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Patent machine stretched Leather Belting, with all the necessary articles required. A satisfactory discount on all purchases both large and small. Address

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1500 TONS, 70 lbs. to the yard, Welsh Rails, punched for Fish Bars. Also, 60 Peat Raised Roof Passenger and Freight Cars for delivery. Address

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For Sale by WILLIAMS, PAGE & CO., 91 Water St., Boston,

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United States Railroad Screw Spike Co.

No. 45 Cliff-Street. NEW YORK.

We respectfully call attention to the Double Hook Headed Screw Spike for fastening rails and chairs to ties. The above cut represents the size and shape of the Screw. It has been thoroughly tested on several of the most important railroads in the country, and in almost every case it has stood the test in the most admirable manner.

The Screw Spike possesses the following advantages over the common spike:

First. They are made of the best refined Iron, the thread being forged (not cut), refines and toughens them.

Second. The holding-power of each Screw is from four to five tons, and the side pressure, three to four tons.

In three years' experience no Screw has moved from its place, and the rails in every case have been held as firmly to the ties as when first put down. By its use, therefore, the numerous accidents constantly occuring from loose and broken asiles, and consequent spreading of the track will be obviated.

Third. In order to remove the rails it will only be necessary to reverse the Screw one-quarter, and when replacing it, turn the Screw back to its original position (the same as turning a button), when the rail will be held firmly, as before. The ties will thus be saved from the injury of splits, and the numerous holes made in them by repeatedly drawing out and replacing spikes. By the use of the Screw, therefore, the durability of the ties will be greatly increased.

The saving to railway companies in ties alone, it is estimated (by experienced trackmasters) will more than pay the whole cost of the Screw is in use, in addition to the saving of time in relaying rails, a much less number of men are required to watch the track, and keep it in repair, thereby causing a great saving.

In corroboration of the foregoing, we could present the testimony of many of the most experienced trackmasters and engineers in the country, but deem it only necessary to refer to the following rails, a much less number of men are required to watch the track, and keep it in repair, thereby causing a great saving.

In co

RAILROAD IRON.

350 TONS 40 LBS. RAILS, BEST AMERICAN MAKE. For sale by PERKINS, LIVINGSTON & POST,

68 Broadway,

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RAILROAD TIES.

WHITE OAK, CHESTNUT AND CEDAR

VHITE UAR,
Pig, Bar and Railroad Iron.
Coal Buckets, Blocks, Dumping Cars, Wheelbarrows,
Coal Buckets, HOLLINS, KIRKUP & CO.,
24 Dey street, N. X.

CAR PLUSHES.

Best French and German makes.

LOUIS WINDMULLER & ROELKER, 20 Reade street.

GERMAN STEEL AND HARDWARE,

For sale by

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Railway Travel Made More Secure.

THE WHEELS HAVE STRAIGHT FLANGES
26 degrees double, two other wheels inside, elongated
hubs to catch the rail in case the wheel jumps, the axle of
steel enlarged in centre. The circle of the flanges on
wheels cannot touch the rail—
y metal is shrunk on the rail
by rollers doubling their strength. Smoke-stacks, increased
draft, with jacket, sparks and cinders glided into the same
by sieves, these are also for steamers, etc. Invented, applied, and for sale by

A. BEEBE, 78 Cedar street.

Steam Engine Power and Leverage

BALANCE WHEELS AND MOVEABLE LEVERS.
These work giving double power without centre action. Capstans and Steering Wheels, levers on the shaft
or axle, about one part purchase and six parts lever, same
on rudder heads for vessels and boats, etc. Invented, applied and for sale by A. BEEBE, 78 Cedar street, from 12
to 3.

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A GENTLEMAN closely connected with several large English Manufacturers of Sieel and Iron Railway Plant, who possess important Platents; and who has facilities for purchasing Hardware, Scrap Iron, &c., wishes to combine these advantages with those of some responsible Agency or other Firm, and and to establish a Market in this Country for such commodities. The highest references given, both American and English. Address

W. C. O. 112 River Terrace,

PRATT'S PATENT COMPENSATING FISH-JOINT.



VERREE & MITCHELL. IRON AND STEEL MANUFACTURERS, No. 939 North Delaware Avenue, Philadelphia, Penn.

COMBINES MORE ADVANTAGES THAN ANY FISH-JOINT HERETOFORE INTRODUCED.

This Joint is made of two heavy bars of wrought iron, or cast steel, sixteen inches in length, or any other desired length, fitted to the side of the rail and secured by four three-quarter inch bolts, with four malleable cast-iron cups and washers, and a gum ring two inches in diameter and half an inch thick, in each cup.

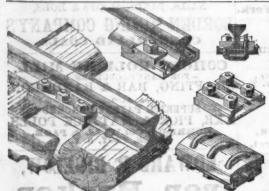
The value of gum to absorb jarring motion is well known; but when the pressure is as great as that required to secure the ends of railroad rails, some device, or method by which to prevent the gum from being forced out from under the washer, when subjected to increased pressure, is indispensable. The PATENT COMPENSATING FISH-JOINT secures that effect and enables Railroad Managers to apply all the force and pressure desired.

Where this Joint is securely fastened by screwing the nut upon the washer and gum in the cups with a lever three feet in length, it makes a perfectly tight joint, and thus secures what Railroad Managers have long desired—a continuous rail, with sufficient elasticity in the gum to relieve from and compensate for the sudden jar and at the same time allow for expansion, and contraction by heat or cold.

We confidently claim for the PATENDE CONTINUES at the continuous rail, with sufficient elasticity of the patents of the sudden part and at the same time allow for expansion, and contraction by heat or cold.

We confidently claim for the PATENT COMPENSATING FISH-JOINT:
That it makes the best and cheapest form of fastening, requiring no plate or chair underneath the foot of the rail.
That it is safe and secure, and prevents the numerous accidents resulting from loose or broken rails.
That this Joint absorbs the vibratory shock given by the wheels in passing over the ends of rails, and thereby pretting fracture; and we have yet to hear of the first rail having been broken with our Joint on it.
That it can be applied in repairing and relaying with the least trouble and delay.
That the materials are indestructible, and make A PERFECT AND CONTINUOUS RAIL, thus securing what has long been ired, and what all previous experiments have failed to attain.

The Manufacturers can supply these Joints, complete in all their parts, ready to be fastened to the rails with dispatch. Refer to all the Leading Railroads in the Country.



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Wrought Iron

RAIL JOINTS,

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Steamers of the above line leave Pier No. 42 North River, foot of Canal street, at 12 o'clock noon, On 1st, 11th and 31st,

except when those days fall on Sunday, then the day previous.

One hundred pounds baggage free to each adult. Medicine and attendance free. April 21, HENRY CHAUNCEY, CAPT. CONNER, connecting with CONSTITUTION, CAPT. WEST.

Steamer leaving April 10, connects closely with steamer JAPAN, leaving San Francisco May 4, for China and

NOTICE TO SHIPPERS—Freight for steamer HENRY CHAUNCEY received until 4 P. M. on TUES-DAY, April 20. All usual facilities afforded shippers in collecting inland charges, &c.

For freight or passage tickets and all further information apply at the Company's ticket office on the whark, foot of Canal street.

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TESTIMONIAL

Baltimore, Md., April 18, 1868.

We have used, on the Baltimore and Ohio Ballroad, during the past year, about 13,000 lbs. of India Bubber Car Springs, manufactured by the Hamilton Square Ruber Works, Trenton, N. J., (C. V. Mead & Co.,) and have found them equal to, if not superior to any we have used in past time, and on much more reasonable terms.

JOHN OLIVER,
Purchasing Agent Baltimore and Ohio Railroad.

QAUTION.—The above firm are not connected with any other Manufacturers using the name of Mr. Mead. Mead's Springs are stamped Hamilton Square Rubber Works, Trenton N. J.

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Patent Right and Left Spiral STEEL CAR SPRINGS.



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Scott's Wrought Iron Clamp Truss Join FOR RAILROAD RAILS.

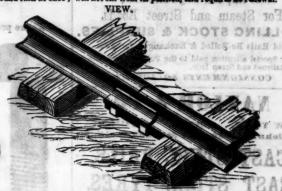
WEIGHT 20 TO 30 LBS.

THICKNESS % OF AN INCH.

Has been tested to 24,000 lbs., between at inch bearings, (a 40 ton engine will not test it more than 10,000 lbs.) it is a TRUSS, supporting fully the ends of rails while suspended itself. This principle gives it a power that no chair has. Forty per cent. of rails now destroyed, will be saved by it use.

It is SIMPLE, can be put on broken or sound rails at once; will not stir from its position, and requires no renewal. SECTION.





VIEW AND SECTION show position in place. A.—Is CLAMP-TRUSS. B.—Are tw C.—An Iron Collar, (a prepared wood block can be used in its place if parties prefer it.) D.—Is the LOCK of the NUT, which prevents its jarring loose.

The patentee is prepared to fill orders sufficient for four miles of track per day.

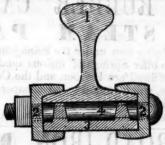
Provision has been made to prevent sliding of the rails.

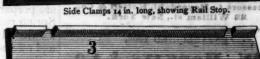
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JOHN H. OSBORNE. Morrisville, Bucks Co., Penn.

And BENJ, SCOTT, New Brighton, Pa.

THE PHŒNIX IRON COMPANY'S





Section of Rail Joint.

Bottom Ribbed Plate, 14 in. in length

Cross Section of Rail Joint.

Bottom Ribbed Plate, 14 in. in length.

The above diagrams show the general design of this new Suspension Rail Joint, which, after long and successful trial on the Philadelphia, Wilmington and Baltimore, and other Railways, is now offered to Railway Companies. The cut on the left gives a cross section of the finished joint, showing the rail (2) resting upon the ribs of the bottom plate embraced by the side clamps (3), and held firmly in place by boils (4. In screwing up these bolts, the bite or grip between the bevel on the side clamps (3), and held firmly in place by boils (4. In screwing up these bolts, the bite or grip between the bevel on the side clamps (3), and held firmly in place by boils (4. In screwing up these bolts, the bite or grip between the bevel on the side clamps corresponding with the bevel on the flanges of the rail, insures great vertical and lateral rigidity to the joint.

Several careful tests have proved that the deflection of two pieces of rail thus fastened at their joints and subjected to a transverse strain between supports five feet two inches apart, was but a trifle more than that of the same rail uncut, tested in the same way. The value of the joint in this respect was 85 per cent. of that of the solid rail, while the best fish joints, similarly tried, gave less than 50 per cent.

No holes are required to be punched through the neck of the rail, nor slots in the flanges, only a quarter circle notch of about half an inch radius is necessary to be cut out of the corner of one of the flanges of the rail to fit the "stop" shown in the upper right hand cut. This is a very important consideration, as holes punched or drilled in the neck are apt to split the rail longitudinally, and in Steel Rails particularly, is the principal cause of breakage.

All that portion of the joint, shown in the cut of cross section, below the bottom of the rail, bears endwise against the cross-ties, and prevents any creeping of the track. It makes a very firm joint, does not get

PHŒNIX IRON COMPANY, Philadelphia, Pa. 51

FIVE SECOND HAND LOCOMOTIVES in working order—Gauge 4 ft. 8 1-2 inches.

tellar Tou	No Div	Diam. Drivers.	Cylinder	Fire Box.	No.	Size of Flues.	Diam. Boiler.	Weight in run- ning order. Connect'n.
1st.		5 feet.	14 ×20	88×87	127	10 feet 8×2	42 in.	50,100 lbs. Inside
2d.		5 feet.	13 ×20	42×401	181	10 feet 2×1	42 in.	45,700 lbs. Outside.
8d.	4	5 ft. 6	15 ×20	44×38	150	11 feet ×11	44 in.	52,600 lbs. Inside.
4th	. s 4 d	5 feet.	15 ×24	41×37	140:	11 feet 2×2	48 in.	57,000 lbs. Ontside.
5th	Serroller.	5 feet.	131×22	40×88	108	11 feet ×2	40 in.	48.400 lbs. Outside.

The above engines arranged for burning wood, are now running, and are in fair working order, and will be sold low for cash.

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THOS. S. YOUNG, Treafurer, 120 Chambers St., New York,

We are prepared to make and deliver

IRON BOLTS, VOLUME

manufactured by Automatic Machinery in such manner as to increase the strength of the Iron beneath the head by compression, and totally avoid the weakening by crystalization, as in the case of Bolts made by hand or by any slow and protracted process. These Bolts are uniform in size and shape, and superior in strength and finish to any others made.

Standard Bolts will be made of the best quality of iron, and warranted.

The attention of

Railroad Companies, Bridge, Car & Locomotive Builders,

and others requiring Bolts of the greatest strength and uniformity, is specially called to these Bolts.

Contracts for Bolts used in the construction of Railroads and their appurtenances, and all similar work REQUIRING LARGE QUANTITIES, will be taken

at special rates.

The rapidity of production will enable the Company to fill orders of any magnitude at short notice. The Company also offer for sale

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BOLT CUTTERS

of their own patent, which, with a given amount of power and labor, will cut twice the number of Bolts of any other machine in use.

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${ m RUBBER}$ CAR SPRINGS STEAM

Our Works being now under the management of a competent Superintendent, we are prepared to offer Springs of various qualities and prices to suit. Our A No. 1 Spring made of fine Para Rubber, and the Compound used by the Patentee, the late Fowler M. Ray, will be found to be cheaper than others made, from inferior stock and offered at lower prices.

Sample setts forwarded on application. All Springs fully warranted.

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Painted Sept., 18, 1866: WROUGHT IRON The VAN ANDEN CHAIR recommends itself above all others now in use, having continuous base and lips, the grain of the Iron running across the line of the Rail, giving it additional strength over all others now in use, with no liability to split. The spike holes being punched within the edge of the lip, admits of one half the Spike being recessed back in the solid metal, which cannot be done in the rolled chair.

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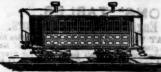
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Smoke-Burning and Heating Boilers,

Are Economical of Fuel, and perfectly Safe.

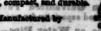
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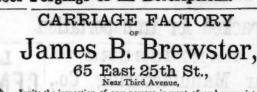


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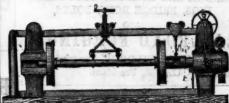
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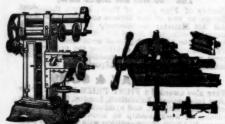
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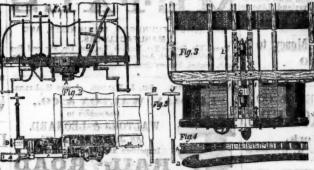
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